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## **The nominal taxa described by K. Warncke and their types (Insecta, Hymenoptera, Apoidea)**

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**Abstract:** We present a catalogue of all new taxa of bees (Insecta: Hymenoptera, Apoidea) which were described by Klaus Warncke. Between 1965 and 1993 he described 57 new taxa of the genus group and 887 new taxa of the species group, which are listed here with their original citation. Conformity of the type series with the original description was verified, the orthography of few taxa was corrected according to the ICZN (1985). The purpose of this paper is to summarize and to allow easy access to Warncke's work. The collection of Warncke is preserved at the Oberösterreichisches Landesmuseum in Linz (Austria), the parasitic genera are deposited in the private collection of Maximilian Schwarz (Ansfelden, Austria).

### **Introduction**

During the last three decades Klaus Warncke was very productive in investigating bees (Hymenoptera, Apidae sensu WARNCKE, Apoidea sensu MICHENER). From 1965 to 1993 he worked on faunistic, taxonomic and phylogenetic aspects. During this time Warncke described 57 taxa of the genus group and 887 taxa of the species group.

His work concentrated on the westpalaeartic and Central Asian fauna. The new taxa described by Warncke are on the subgenera, species and subspecies levels and originate from these regions. His sudden death interrupted his work on a comprehensive monograph on westpalaeartic bees, which certainly would have clarified many open questions. An obituary, a biography and a list of ornithological and entomological publications have been published elsewhere (ORTAL, R. - 1993. Dr. Klaus und Christa Warncke. Eine Würdigung ihrer Personen. - Nachr.bl. bayer. Ent., München 42(3): 94-95; KRAUS, M. & S. M. BLANK - 1994. Dr. Klaus Warncke [\*14.5.1937 † 2.1.1993]. Nachruf und Bibliographie. - Linzer biol. Beitr. 26/2: 649-663).

The purpose of this paper is to summarize the taxa newly described by Warncke and to give easy access to his important contribution to the knowledge of bees. We decided to list the taxa according to the first description. Later revisions of names and resulting synonymies, homonymies or new combinations are not considered. This presentation was chosen not to anticipate later decisions on the status of the taxa.

### **Information concerning the taxa includes**

#### **1. Name of the taxon**

#### **2. Original citation**

Page numbers are listed for the description, the additional characterisation in a key and the type localities, if they are mentioned separately in the original publication. The exact dates of publication have been reported by KRAUS & BLANK (1994. Linzer biol. Beitr. 26/2: 649-663).

#### **3. Holotype**

The identification of the holotype was drawn from the original description. In some cases there were discrepancies between the description and the type labeling, the actual labeling is given in brackets.

Most holotypes are deposited in the Oberösterreichisches Landesmuseum (Linz, Austria). The deposition is indicated only for the few holotypes which are preserved elsewhere: coll. British Museum (Natural History) Entomology, London; coll. Manfred Kraus, Nürnberg; coll. Moravian Land Museum, Brno; coll. Museo Insular de Ciencias Naturales, Santa Cruz de Tenerife; coll. Übersee-Museum, Bremen; coll. Zoologische Staatssammlung, München.

#### **4. Paratypes**

In many cases Warncke specified the localities of the specimens but not the exact size of his paratype series. It is known that at the time of description the paratype series of several taxa were extensive. However for many species he kept at most 40 specimens in his collection, which may be paratypes. In case the paratype series was larger, he may have sold or exchanged specimens with colleagues and museums (among others the Oberösterreichisches Landesmuseum). Number and sex of the paratypes are listed according to the original description. The present size of paratype series in the Oberösterreichisches Landesmuseum is given in brackets. Discrepancies are discussed.

#### **5. Etymology**

Due to Warnckes previous interest in ornithology, he tended to name new bee taxa according to latin bird names. Numerous names of birds from Europe and the Near East have been used, which may be unknown to entomology specialists. In order to document the correct original orthography of the names and to facilitate grammatically correct changes of names in new combinations, we list the bird name from which the bee name is presumably derived.

#### **6. Discussion**

In addition to the issues mentioned above, the discussion presents information concerning two points, (1) the validity of the original description, since some of Warncke's descriptions are *nomina nuda* (2) the corrections of few names according to the ICZN (1985).

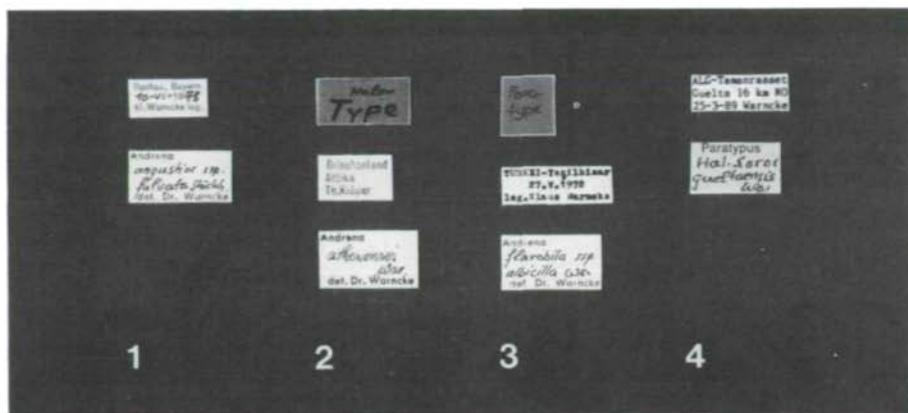


Fig. 1-4. Hand writing and typical labels of Warncke, explanations are given in the text. "*Hal. soror gueltaensis* WAR." is a nomen in litteris.

Fig. 1 to 4 demonstrate the hand writing and typical labels of Warncke. In the early years Warncke printed labels himself (Fig. 1), later he produced labels with photographic techniques (Fig. 3). In the last years he used photocopied labels (Fig. 4).

Except for the latest years type specimens are labeled characteristically using dark red cardboard with "Holotype" or "Paratype" written on them. Holotype labels are rectangular, relatively large (ca. 7x15mm), paratype labels are square and somewhat smaller (ca. 7x7mm). These labels are positioned next to the specimen. The name of the new species is written on an additional common identification label (Fig. 2 and 3).

Only in the last years Warncke used pink type labels, which also carry the name of the new species. This sort of label is located at the bottom of the needle (Fig. 4).

With the years the hand writing of Warncke changed: The identification label in Fig. 2 is an early example (about 1965), the label in Fig. 4 is a late one (about 1990).

In the following paragraphs we discuss two problems concerning the availability of names. The first concerns publications of new names by Warncke himself, the second citations by La Roche Brier.

1. WARNCKE published "Die Sandbienen der Türkei" in two consecutive issues, 1974 ("Teil A") and 1975 ("Teil B"). In "Teil A" WARNCKE enumerates 111 new names of the species group and 2 new names of the genus group without any description. For the new species WARNCKE lists the new names together with their locality of collection and phenology. A morphological description is missing at this point, instead he refers to a description to follow in "Teil B" ("Beschreibung siehe Teil B Nr. [...]"). For the new names of the genus group no type species were designated in 1974. Therefore in the present catalogue the names of species and genus groups described in "Teil A" are listed as nomina nuda.

In "Teil B" the taxa are described. For the names of the species group WARNCKE lists the holotypes and their locality of collection, for the corresponding information of paratypes he refers to "Teil A" ("Paratype[n]: siehe Artenverzeichnis Nr. [...]"). For the

new names of the genus group WARNCKE lists type species. The descriptions in "Teil B" are considered as valid according to Article 13 a i ICZN 1985.

2. LA ROCHE BRIER lists seven new names for species and subspecies of bees citing Warncke as author of the first description (LA ROCHE BRIER, F. - 1992. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna). The names cited in this thesis were not available at that date according to Articles 8 and 9 ICZN 1985. La Roche Brier's study of the Canarian fauna represents his thesis, which was not properly published (HOHMANN, personal communication), therefore it can not be considered the date of availability of the names. All these new names for bees listed in LA ROCHE BRIER (1992) were published by WARNCKE on other occasions and are cited in this catalogue with the later date of publication (*Sphecodes* in: WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 9-64; *Andrena* and *Epeolus* in: WARNCKE 1993. Veröff. Übersee-Mus. Bremen (Naturwiss.) 12: 761-765).

### Genus-group taxa

*Aciandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-18, 23-25, 62-63 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena aciculata* MORAWITZ 1886, by original designation.

*Aenandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-18, 23-27, 64-65 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena aeneiventris* MORAWITZ 1872, by original designation.

*Agandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-16, 23-24, 56-57 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena agglissima* (SCOPOLI 1770), by original designation.

*Albocolletes* WARNCKE 1978. Bull. ent. Pologne, Wroclaw 48: 353 (subgenus of *Colletes* LATREILLE 1802).

Type species: *Colletes albomaculatus* LUCAS 1849, by original designation.

*Annosmia* WARNCKE 1991. Linzer biol. Beitr. 23: 307-308 (subgenus of *Osmia* PANZER 1806).

Type species: *Osmia annulata* LATREILLE 1811, by original designation.

*Argcoelioxys* WARNCKE 1992. Ber. naturf. Ges. Augsburg 53: 39 (subgenus of *Coelioxys* LATREILLE 1809).

Type species: *Coelioxys argentea* LEPELETIER 1841, by original designation.

*Avandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-17, 23-28, 31-32 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena avara* WARNCKE 1967, by original designation.

*Calchalictus* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 99-103 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus calceatus* (SCOPOLI 1763), by original designation.

- Carandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-231, 94-95 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena aerinifrons* DOURS 1873, by original designation.
- Carinorophites* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 136-137 (subgenus of *Rophites* SPINOLA 1808).  
Type species: *Dufourea rufiventris* FRIESE 1898, by original designation.
- Clavinomia* WARNCKE 1980. Linzer biol. Beitr. 12: 372 (subgenus of *Nomia* LATREILLE 1804).  
Type species: *Nomia clavicornis* WARNCKE 1980.
- Cordandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-20, 23-27, 63-64 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena cordialis* MORAWITZ 1878, by original designation.
- Clavipanurgus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 95 (subgenus of *Panurgus* PANZER 1806).  
Type species: *Panurgus clavatus* WARNCKE 1972, by original designation.
- Cubiandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-17, 23-24, 76-77 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena cubiceps* FRIESE 1914, by original designation.
- Cypriophites* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 135 (subgenus of *Rophites* SPINOLA 1808).  
Type species: *Rophites cyprius* (MAVROMOUSTAKIS 1952), by original designation.
- Dentirophites* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 130-131 (subgenus of *Rophites* SPINOLA 1808).  
Type species: *Dufourea gaullei* VACHAL 1897, by original designation.
- Distandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-18, 23-25, 60-61 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena longibarbis* PÉREZ 1895, by original designation.
- Elecolletes* WARNCKE 1978. Bull. ent. Pologne, Wrocław 48: 330-331 (subgenus of *Colletes* LATREILLE 1802).  
Type species: *Colletes elegans* NOSKIEWICZ 1936, by original designation.
- Fahrhalictus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 95 (subgenus of *Halictus* LATREILLE 1804).  
Type species: *Halictus fahringeri* FRIESE 1921, by original designation.
- Flavipanurgus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 69 (subgenus of *Panurgus* PANZER 1806).  
Type species: *Panurgus flavus* FRIESE 1897, by original designation.
- Flavomeliturgula* WARNCKE 1985. Boll. Mus. Civ. Stor. nat., Venezia 34[1983]: 229 (subgenus of *Meliturgula* FRIESE 1903).  
Discussion: *Flavomeliturgula* is a nomen nudum and therefore not available, because WARNCKE did not fix a type species for this subgenus (Article 13 a and b ICZN 1985).

*Foveosmia* WARNCKE 1991. Linzer biol. Beitr. 23: 267-268 (subgenus of *Osmia* PANZER 1806).  
Type species: *Heriades foveolata* MORAWITZ 1868, by original designation.

*Fumandrena* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98 (subgenus of *Andrena* FABRICIUS 1775).

Discussion: *Fumandrena* is a nomen nudum and therefore not available, because a description is missing and WARNCKE did not fix a type species for this subgenus (Article 13 a and b ICZN 1985).

*Fumandrena* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 57-58 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena fumida* PÉREZ 1895, by original designation.

*Graecandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-18, 23-25, 61-62 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena graecella* WARNCKE 1965, by original designation.

*Inhalictus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 96 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus interruptus* (PANZER 1798), by original designation.

*Leuchalictus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 98 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus leucozonius* (SCHRANK 1781), by original designation.

*Lobonomia* WARNCKE 1976. Reichenbachia, Dresden 16: 99 (subgenus of *Nomia* LATREILLE 1804).

Type species: *Nomia lobata* OLIVIER 1811, by original designation.

*Margandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-21, 23-29, 91-92 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena marginata* FABRICIUS 1776, by original designation.

*Marghalictus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 95 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus marginellus* (SCHENCK 1853), by original designation.

*Merrophites* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 133 (subgenus of *Rophites* SPINOLA 1808).

Type species: *Dufourea merceti* VACHAL 1907, by original designation.

*Microhalictus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 85 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus minutissimus* (KIRBY 1802), by original designation.

*Micropasites* WARNCKE 1983. Entomofauna, Linz 4: 283 (subgenus of *Pasites* JURINE 1807).

Type species: *Pasites tunensis* WARNCKE 1983, by original designation.

*Microrophites* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 133-135 (subgenus of *Rophites* SPINOLA 1808).

Type species: *Rophites quadridentatus* WARNCKE 1979, by original designation.

*Nanocolletes* WARNCKE 1978. Bull. ent. Pologne, Wroclaw 48: 341-342 (subgenus of *Colletes* LATREILLE 1802).

Type species: *Colletes nanus* FRIESE 1898, by original designation.

*Nobandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-20, 23-29, 45-46 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena nobilis* MORAWITZ 1874, by original designation.

*Orandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15, 23-29, 36-37 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena oralis* MORAWITZ 1876, by original designation.

*Pallandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-17, 23-28, 39-40 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena pallidicincta* BRULLÉ 1832, by original designation.

*Pallhalictus* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 92 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus pallens* BRULLÉ 1832, by original designation.

*Pauphalictus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32: 87 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus pauperatus* BRULLÉ 1832 by original designation.

*Pentadentosmia* WARNCKE 1991. Entomofauna, Ansfelden 12: 14 (subgenus of *Osmia* PANZER 1806).

Type species: *Osmia quinquespinoza* FRIESE 1899, by original designation.

*Platosmia* WARNCKE 1990. Entomofauna, Ansfelden 11: 482. (subgenus of *Osmia* PANZER 1806).

Type species: *Osmia platalea* WARNCKE 1990, by original designation.

*Poliandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-30, 71-72 (subgenus of *Andrena* FABRICIUS 1775).

Type species: *Andrena polita* SMITH 1847, by original designation.

*Promelitta* WARNCKE 1977. Mitt. Münchner ent. Ges. 67: 59 (subgenus of *Melitta* KIRBY 1802).

Type species: *Dufourea alboclypeata* FRIESE 1900, by original designation.

*Puncthalictus* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 87 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus punctatissimus* (SCHENCK 1853), by original designation.

*Pyghalictus* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 103 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus pygmaeus* (FABRICIUS 1804), by original designation.

*Rostrohalictus* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 88 (subgenus of *Halictus* LATREILLE 1804).

Type species: *Halictus longirostris* MORAWITZ 1876, by original designation.

- Rufandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15, 23, 33-34 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena rufiventris* LEPELETIER 1841, by original designation.
- Scitandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-16, 23-24, 51-52 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena scita* EVERSMAANN 1852, by original designation.
- Simcolletes* WARNCKE 1978. Bull. ent. Pologne, Wrocław 48: 348 (subgenus of *Colletes* LATREILLE 1802).  
Type species: *Colletes similis* SCHENCK 1853, by original designation.
- Simpanurgus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 67 (subgenus of *Panurgus* PANZER 1806).  
Type species: *Panurgus phyllopodus* WARNCKE 1972, by original designation.
- Smeathhalictus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 88 (subgenus of *Halictus* LATREILLE 1804).  
Type species: *Halictus smeathmanellus* (KIRBY 1802), by original designation.
- Spinopasites* WARNCKE 1983. Entomofauna, Linz 4: 281 (subgenus of *Pasites* JURINE 1807).  
Type species: *Pasites spinotus* WARNCKE 1983, by original designation.
- Suandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-16, 23-26, 52-53 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena suerinensis* FRIESE 1884, by original designation.
- Tergosmia* WARNCKE 1988. Entomofauna, Ansfelden 9: 390 (subgenus of *Osmia* PANZER 1806).  
Type species: *Osmia tergestensis* DUCKE 1897, by original designation.
- Troandrena* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 108 (subgenus of *Andrena* FABRICIUS 1775).  
Discussion: *Troandrena* is a nomen nudum and therefore not available, because a description is missing and WARNCKE did not fix a type species for this subgenus (Article 13 b ICZN 1985).
- Troandrena* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 81-82 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena troodica* WARNCKE 1975, by original designation.
- Truncandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-20, 23-29, 46-48 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena truncatilabris* MORAWITZ 1878, by original designation.
- Ulandrena* WARNCKE 1968. Mem. Est. Mus. zool. Univ. Coimbra 307: 15-17, 23-29, 43-45 (subgenus of *Andrena* FABRICIUS 1775).  
Type species: *Andrena schulzi* STRAND 1921, by original designation.



### Species-group Taxa

*Allodape libanensis* ssp. *hakkariensis* WARNCKE 1983. Nachrichtenbl. bayer. Ent., München 32: 77-80.

Holotype ♀: Tanin-Tanin-Paß in 2300-2600 m, 14.8.1979, leg. Warncke.

Paratypes: 49 specimens [17 ♀ 20 ♂ ♂].

*Allodape oriola* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 160-163.

Holotype ♀: Schiraz, Darvache-ve-Maharlu östl. Schiraz, 17.4.1970, leg. Ressler [Baharlu-Salzsee bei Schiraz].

Paratypes: 6 ♀ 3 ♂ ♂ [4 ♀ 3 ♂ ♂].

Etymology: *Oriolus oriolus* (Golden Oriole, Pirol).

*Ancyla holtzi* ssp. *anatolica* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 191.

Holotype ♀: Ankara, 5.8.1972, leg. Warncke.

Paratypes: 5 ♀ 5 ♂ ♂ [4 ♀ 5 ♂ ♂].

*Ancyla orientalis* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 184-187, 190-191.

Holotype ♂: Baniyas, Syrien, 13.7.1953, leg. Schmidt.

Paratypes: 2 ♀ 2 ♂ ♂ [2 ♀ 2 ♂ ♂].

*Ancyla persica* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 184-186, 192-193.

Holotype ♀: Haft Tapeh, 300 km N di Abadan/ Khuzestan, 30.6.-1.7.1965, leg. Giordani Soika und Mavromoustakis.

Paratypes: 36 ♀ 23 ♂ ♂ [10 ♀ 11 ♂ ♂].

*Andrena abbreviata* ssp. *dominica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 89.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena abbreviata* ssp. *dominica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 94.

Holotype ♂: Side, 23.6.1973, leg. Warncke [23.4.1973].

Paratypes: [10 ♀ 8 ♂ ♂].

Etymology: *Pluvialis dominica* (Lesser Golden Plover, Waldregenpfeifer)

*Andrena abbreviata* ssp. *osychniuki* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 20, 28-29.

Holotype ♂: Lamia, Griechenland, 15.6.63, leg. Warncke [15. April 1963].

Discussion: Warncke chose this name expressing his thanks to Mrs. Osychniuk, but he erroneously called the taxon "*osychniuki*". The correct gender of the name is feminine, the termination of the genitive form is *-ae*, thus the correct orthography of the name is *A. abbreviata* ssp. *osychniukae*.

Referring to "*A. leucorhina* auct. nec. MOR." Warncke described "*A. abbreviata* ssp. *osychniuki*" as a new subspecies. Despite a description of the taxon is missing, the name *A. abbreviata* ssp. *osychniukae* WARNCKE, 1973, should be considered as available, because the name is accompanied by a bibliographic reference: "*A. leucorhina* auct. nec. MOR. (WARNCKE 1973, p. 20) "[...] die unter dem Namen *leucorhina* bekannte Form nenne ich [...] *Andrena abbreviata* ssp. *osychniuki* n. ssp." (WARNCKE 1973, p. 29, cf. Article 13 a ii ICZN 1985). It seems appropriate to accept Warncke as author of this

name on the following reasons. The only actual description of this taxon was published by Osychniuk herself, who referred to the original publication of the name given by WARNCKE (1973) ("*A. abbreviata* ssp. *osychniuki* WARNCKE 1973"; OSYCHNIUK 1977. Fauna Ukraini, Kiev 12(5): 78-80). If this would be considered as the first valid description of the taxon, it would have to be called "*A. abbreviata* ssp. *osychniukae* OSYCHNIUK 1977". In this case the taxon would bear the name of the person as author, who is to be honoured by the name! This can neither be in the sense of Mrs. Osychniuk, nor in the sense of Warncke. Furthermore this proceedings would be inconsistent with general conventions among zoologists (cf. Code of Ethics, ICZN 1985).

*Andrena abrupta* WARNCKE 1967. EOS, Madrid 43: 239-240.

Holotype ♂: Faro, Portugal.

Paratypes: 3 ♀ ♀ 4 ♂ ♂ [3 ♀ ♀ 4 ♂ ♂].

*Andrena abrupta* ssp. *elata* WARNCKE 1975. EOS, Madrid 49[1973]: 295.

Holotype ♂: El Escorial, Madrid, 14.5.1936, leg. Dusmet.

Paratypes: [5 ♀ ♀ 7 ♂ ♂].

*Andrena acerba* WARNCKE 1967. EOS, Madrid 43: 231-232.

Holotype ♂: Ayvalik, Westtürkei, 19.4.1965, leg. Warncke.

Paratypes: 2 ♀ ♀ 4 ♂ ♂ [2 ♀ ♀ 4 ♂ ♂].

*Andrena acrana* WARNCKE 1967. EOS, Madrid 43: 221-222.

Holotype ♂: Sarayönü, 10.5.1964, leg. Warncke.

Paratypes: 8 ♀ ♀ 1 ♂ [6 ♀ ♀ 1 ♂].

*Andrena aegyptica* ssp. *cannabina* WARNCKE 1968. Notul. ent., Helsingfors 48: 67.

Holotype ♀: Gran Canaria, Gándo, Arenales, 16.3.1935.

Paratypes: 32 ♀ ♀ 29 ♂ ♂ [6 ♀ ♀ 7 ♂ ♂].

Etymology: *Carduelis cannabina* (Linnet, Bluthänfling).

*Andrena aetherea* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 10, 36.

Holotype ♂: Marrakesch, Marokko, leg. Escalera.

Paratypes: [1 ♀ ♀].

*Andrena afghana* WARNCKE 1974. Acta Mus. mor. Sci. nat., Brno 58 [1973]: 163, 167.

Holotype ♂ [? ♀]: Jalalabad, 560 m, 9.3.1966 leg. Povolny & Tenora, P.T. 28. [? coll. Moravian Land Museum, Brno].

Paratypes: 6 ♀ ♀ 2 ♂ ♂ [2 ♀ ♀ 1 ♂].

Discussion: No holotype could be found in the collection of Warncke. In the collection of the Moravian Land Museum two specimens are deposited, which are both designated as holotypes by WARNCKE himself (LAUTERER, personal communication). The first one, a female bee, bears the label "O. Afghanistan, Prov. Nengrahar, Jalalabad, 560 m, 9.3.1966, leg. Povolny & Tenora, P.T. 28., inv. No 1014 Ent", the second one, a male bee, bears the label "O. Afghanistan, Prov. Nengrahar, Jalalabad, 580 m, 27.3.1967, leg. Povolny & coll., PT 83, inv. No 4701 Ent". Both "holotypes" disagree with the

description given by WARNCKE (1974). Probably the first one is the real holotype and Warncke erroneously mentioned it as a male specimen in the original description.

*Andrena afrensis* WARNCKE 1967. EOS, Madrid 43: 226.

Holotype ♂: Aragón, Albarracín, 1.-8.7.1924, leg. Zemy.

Paratypes: 5 ♀ ♀ 4 ♂ ♂ [5 ♀ ♀ 3 ♂ ♂].

*Andrena agilissima* ssp. *italica* WARNCKE 1967. EOS, Madrid 43: 225-226.

Holotype ♂: Pescara, Italien, 21.4.1963, leg. Warncke.

Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].

*Andrena agnata* WARNCKE 1967. EOS, Madrid 43: 217-218.

Holotype ♂: Pescara, Italien, 21.4.1963.

Paratypes: 5 ♀ ♀ 8 ♂ ♂ [5 ♀ ♀ 7 ♂ ♂].

*Andrena albopunctata* ssp. *melona* WARNCKE 1967. EOS, Madrid 43: 213.

Holotype ♀: Cuenca, Spanien, 4.5.1887, leg. Korb.

Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].

*Andrena alchata* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 9, 35-36.

Holotype ♂: Maison Carrée, Algerien, 9.3.1910, leg. Bequaert.

Paratypes: 2 ♂ ♂.

Etymology: *Pterocles alchata* (Pin-tailed Sandgrouse, Spießflughuhn).

*Andrena alfkenella* ssp. *sunna* WARNCKE 1975. EOS, Madrid 49[1973]: 295.

Holotype ♀: Aranjuez, Madrid, 4.6.1913, leg. Dusmet.

Paratypes: [11 ♀ ♀ 10 ♂ ♂].

*Andrena alfkenelloides* WARNCKE 1965. Beitr. Ent., Berlin 15: 62-64.

Holotype ♀: Trikala, 17.4.1962, leg. Warncke.

Paratypes: 7 ♀ ♀ [7 ♀ ♀].

*Andrena alfkenelloides* ssp. *cardalia* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 95.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena alfkenelloides* ssp. *cardalia* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 47.

Holotype ♀: Antakya, 1.-7.6.1965, leg. Gusenleitner.

Paratypes: [4 ♀ ♀ 6 ♂ ♂].

*Andrena allosa* WARNCKE 1975. EOS, Madrid 49[1973]: 311.

Holotype ♀: Allos, Basses-Alpes, Frankreich, 16.6.66.

Paratypes: 2 ♀ ♀ [2 ♀ ♀].

*Andrena allosa* ssp. *canigica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 111.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena allosa* ssp. *canigica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 86.

Holotype ♀: Ulu Dag, 15.5.-10.6.1959, leg. Schweiger.

Paratypes: [1 ♀].

*Andrena allosa* ssp. *pileata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 85.

Holotype ♀: Chelmos, Peloponnes, 2.6.1962, leg. Schwarz.

Paratypes: [3 ♀ 1 ♂].

*Andrena amacula* WARNCKE 1967. EOS, Madrid 43: 241-242.

Holotype ♀: Ägypten, leg. Schmiedeknecht.

Paratypes: 5 ♀ 3 ♂ [5 ♀ 3 ♂].

*Andrena angustior* ssp. *impressa* WARNCKE 1967. EOS, Madrid 43: 234-236.

Holotype ♂: Tanger, Marokko.

Paratypes: 3 ♀ 7 ♂ [3 ♀ 7 ♂].

*Andrena aruana* WARNCKE 1967. EOS, Madrid 43: 229.

Holotype ♂: Ramleh, Israel.

Paratypes: 3 ♀ 12 ♂ [3 ♀ 12 ♂].

*Andrena asiatica* ssp. *oxyura* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 44.

Holotype ♀: Gürün, 3.6.1970, leg. Gusenleitner.

Paratypes: [2 ♀].

Etymology: *Oxyura* (Stiff-tailed Duck, Ruderente).

*Andrena asperima* ssp. *alascana* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 11, 36.

Holotype ♀: Tizi-n-Talrhemt bei Midelt, Marokko, 1.4.1968, leg. Liefstinck [1.6.1968].

Paratypes: [7 ♀ 2 ♂].

*Andrena astica* WARNCKE 1967. EOS, Madrid 43: 217.

Holotype ♂: Ayvalik, Westtürkei, 15.4.1965, leg. Warncke.

Paratypes: 8 ♀ 1 ♂. [7 ♀ 1 ♂]

*Andrena astrella* WARNCKE 1975. EOS, Madrid 49 [1973]: 305-307.

Holotype ♀: Madrid, Madrid, 8.6.1936, leg. Dusmet.

Paratypes: [14 ♀ 15 ♂].

*Andrena astrella* ssp. *fulica* Warncke 1974. Mitt. zool. Mus., Berlin 50: 15, 44.

Holotype ♂: Mascara, Algerien, 8.5.1910, leg. Bequaert.

Paratypes: [3 ♀ 1 ♂].

Etymology: *Fulica atra* (Coot, Bleßhuhn).

*Andrena athenensis* Warncke 1965. Beitr. Ent., Berlin 15: 33.

Holotype ♀: Attica, 17.4.1867, leg. Krüper.

Paratypes: 4 ♀ 7 ♂ [5 ♀ 6 ♂].

Discussion: The gender of paratypes found in the collection differs from the published data.

*Andrena avara* WARNCKE 1967. EOS, Madrid 43: 219-220.

Holotype ♀: Tanger, Marokko.

Paratypes: 4 ♀ 1 ♂ [1 ♀].

*Andrena avara* ssp. *caligata* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 4, 28.

Holotype ♀: Sfax, Tunesien, 7.

Paratypes: [3 ♀ 3 ♂].

Etymology: *Hippolais caligata* (Booted Warbler, Buschspötter).

*Andrena avara* ssp. *eureka* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 4, 28.

Holotype ♀: Marrakesch, Marokko, 3.1907, leg. Escalera.

Paratypes: [4 ♀ 1 ♂]

*Andrena avara* ssp. *gavia* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 27.

Holotype ♂: Madrid, Dusmet.

Paratypes: [2 ♂].

Etymology: *Gavia* (Diver, Seetaucher).

*Andrena avara* ssp. *liturata* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 27.

Holotype ♂: Sierra de Guadarrama, Spanien, 16.4.1935, leg. Dusmet.

Paratypes: [2 ♀ 4 ♂].

*Andrena arvensis* WARNCKE 1968. Notul. ent., Helsingfors 48: 68.

Holotype ♀: Teneriffa, Güimar, Montana Grande, 29.3.1933.

Paratypes: 16 ♀ 1 ♂ [12 ♀ 1 ♂].

Etymology: *Alauda arvensis* (Skylark, Feldlerche).

*Andrena balcanica* WARNCKE 1965. Beitr. Ent., Berlin 15:43-45.

Holotype ♀: Lamia, 15.4.1963, leg. Warncke.

Paratypes: 5 ♀ 1 ♂ [3 ♀ 1 ♂].

*Andrena bassana* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 383, 403.

Holotype ♂: Ramla [Ramleh, Israel].

Paratypes: [8 ♂].

Etymology: *Sula bassana* (Gannet, Baßtölpel).

*Andrena bassana* ssp. *etesiaca* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 93.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena bassana* ssp. *etesiaca* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 44.

Holotype ♀: Sultanhani, 22.5.1970, leg. Warncke.

Paratypes: [2 ♀ 4 ♂].

*Andrena bayona* WARNCKE 1975. EOS, Madrid 49[1973]: 296-298.

Holotype ♀: Madrona, Segovia, 30.7.1968, leg. Warncke.

Paratypes: [14 ♀ 4 ♂].

*Andrena bellidis* ssp. *acutiformis* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 87.

Holotype ♂: El Soldado, 31.3.1927, leg. Seyrig.

Paratypes: [8 ♀ 8 ♂].

*Andrena biarmica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena biarmica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 50.

Holotype ♀: Antakya, 25.5.1967, leg. Gusenleitner.

Paratypes: [3 ♀ 1 ♂].

Etymology: *Falco biarmicus* (Lanner, Lannerfalke).

*Andrena bicolor* ssp. *agraria* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 22.

Nom. nov. pro *Andrena nigriventris* PÉREZ 1902, nec (GMELIN 1790).

*Andrena bicolor* ssp. *apricaria* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 110.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena bicolor* ssp. *apricaria* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 84.

Holotype ♀: Limassol, 2.1939.

Paratypes: [4 ♀ 1 ♂].

Etymology: *Pluvialis apricaria* (Golden Plover, Goldregenpfeifer).

*Andrena bifida* WARNCKE 1967. EOS, Madrid 43: 223-224.

Holotype ♂: Cyrenaika, R. U. Agrario, 3.1926, leg. Krüger.

Paratypes: 5 ♀ 3 ♂ [5 ♀ 3 ♂].

*Andrena bimaculata* ssp. *lichata* WARNCKE 1967. EOS, Madrid 43: 230.

Holotype ♀: Somosierra, 28.6.1924, leg. Dusmet.

Paratypes: 7 ♀ 1 ♂ [7 ♀ 1 ♂].

*Andrena bonasia* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 406.

Holotype ♂: Konya, Turkey, 25.-27.5.65, leg. Gusenleitner.

Paratypes: 4 ♀ 12 ♂ [4 ♀ 6 ♂].

Etymology: *Bonasa bonasia* (Hazel Grouse, Haselhuhn).

*Andrena bonasia* ssp. *naevia* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 387, 406.

Holotype ♂: Jerusalem, Mt. of Olives.

Paratypes: 1 ♂ [1 ♂].

Etymology: *Locustella naevia* (Grashopper Warbler, Feldschwirl).

*Andrena braunsiana* ssp. *detorta* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 86.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena braunsiana* ssp. *detorta* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 36-37.

Holotype ♀: Madenşehir, 31.5.1972, leg. Warncke.

Paratypes: [2 ♂].

*Andrena bulgariensis* WARNCKE 1965. Beitr. Ent., Berlin 15: 70.

Holotype ♀: Situjakowo, Tschetér Tepél, 1730 m, Bulgarien, IV.-V.1916-1917, leg. Boettlicher [IV.1916].

Paratypes: 3 ♀ 5 ♂ [3 ♀ 4 ♂].

*Andrena butea* ssp. *ketupa* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 99.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena butea* ssp. *ketupa* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 62.

Holotype ♂: Adana, 6.4.1971, leg. Warncke.

Paratypes: [12 ♀ 5 ♂].

Etymology: *Ketupa* (Fischeule).

*Andrena bytinskii* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 380, 397-398.

Holotype ♀: Binyamina, 16.3., leg. Bytinski-Salz [Benjamina].

Paratypes: 2 ♀ 7 ♂ [1 ♀ 3 ♂].

Discussion: The type series is labelled "*Andrena bytinski* WAR."

*Andrena caesia* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 20, 47.

Holotype ♀: Marrakesch, Marokko, 3.1907, leg. Escalera [Haud Atlas, Asni 1200 m, 10.-11.3.1961, leg. Lindberg].

Paratypes: [6 ♀ 4 ♂].

Etymology: *Emberiza caesia* (Cretzschmar's Bunting, Grauortolan).

Discussion: The published data concerning the type locality disagree with the label of the holotype, but four female paratypes are labelled with "Marrakech".

*Andrena calandra* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 95.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena calandra* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 47-48.

Holotype ♀: Antakya, 4.6.1965, leg. Schwarz.

Paratypes: [5 ♀].

Etymology: *Melanocorypha calandra* (Calandra Lark, Kalanderlerche).

*Andrena callida* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 8, 33-34.

Holotype ♂: Matruh, Ägypten, 19.3.1933, leg. Priesner.

Paratypes: [3 ♀].

*Andrena callosa* WARNCKE 1967. EOS, Madrid 43: 219.

Holotype ♀: Cyrenaika, R. U. Agrario, 4.1926, leg. Krüger.

Paratypes: 3 ♀ [3 ♀].

*Andrena cantiaca* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 89.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena cantiaca* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 41.

Holotype ♂: Ulukışla, 29.5.1972, leg. Warncke.

Paratypes: [3 ♀ 5 ♂].

*Andrena cantiaca* ssp. *infusata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 89.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena cantiaca* ssp. *infusata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 41-42.

Holotype ♂: Ankara, 28.4.1972, leg. Bytinski-Salz.

Paratypes: [3 ♀ 9 ♂].

*Andrena canuta* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 110.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena canuta* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 85.

Holotype ♀: Tuzluca, Kars, 14.6.1973, leg. Warncke.

Paratypes: [3 ♀ ♀].

Etymology: *Calidis canutus* (Knot, Knutt).

*Andrena caprimulga* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 86.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena caprimulga* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 94.

Holotype ♀: Horasan, Arastal, 14.6.1973, leg. Warncke.

Paratypes: [2 ♀ ♀ 1 ♂].

Etymology: *Caprimulgus* (Nightjar, Nachtschwalbe).

*Andrena cara* ssp. *minor* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 115.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena cara* ssp. *minor* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 90.

Holotype ♂: Diarbakir, 15.-16.4.1972, leg. Bytinski-Salz.

Paratypes: [4 ♂ ♂].

Etymology: *Lanius minor* (Lesser Grey Shrike, Schwarzstimwürger).

*Andrena caroli* ssp. *abdukila* WARNCKE 1974. Acta Mus. mor. Sci. nat., Brno 58[1973]: 163, 167-168.

Holotype ♀: Abdukil, 650 m, 14.4.1967, leg. Povolny, P 95 [coll. Moravian Land Museum, Brno].

Paratypes: 2 ♀ ♀ 1 ♂ [1 ♂].

*Andrena castanea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 104.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena castanea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 73-74.

Holotype ♀: Ürgüp, 30.5.1972, leg. Warncke.

Paratypes: [2 ♀ ♀ 3 ♂ ♂].

*Andrena caudata* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 269-270.

Holotype ♀: Adana, 7.5..

Paratypes: 5 ♀ ♀ 1 ♂ [5 ♀ ♀ 1 ♂].

Etymology: *Aegithalos caudatus* (Long-tailed Tit, Schwanzmeise).

*Andrena cervina* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena cervina* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 52.

Holotype ♀: Limassol, 10.4.1967, leg. Mavromoustakis.

Paratypes: [7 ♀ ♀ 4 ♂ ♂].

Etymology: *Anthus cervinus* (Red-throated Pipit, Rotkehlpieper).



*Andrena chalcogastra* ssp. *extrema* WARNCKE 1992. in: F. LA ROCHE BRIER. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna pp. 481-482.

Discussion: Nomen nudum, because in this investigation a description is missing. This work is the unpublished thesis of La Roche Brier, the new names included are therefore not available (cf. introduction of the present list).

*Andrena chalcogastra* ssp. *extrema* WARNCKE 1993. Veröff. Übersee-Mus. Bremen (Naturwiss.) 12: 763.

Holotype ♂: Gran Canaria, Sa. Brigida, 16.4.1976, leg. Wolf.

Paratypes: 3 ♀ ♀ 6 ♂ ♂.

*Andrena chalcogastra* ssp. *gomera* WARNCKE 1968. Notul. ent., Helsingfors 48: 69-70.

Holotype ♀: Gomera, Chirudes, 22.4.1942.

Paratype: 1 ♀ [1 ♀].

*Andrena chalcogastra* ssp. *palmaensis* WARNCKE 1968. Notul. ent., Helsingfors 48: 69-70.

Holotype ♀: Palma, San Bartolome de la Golga, 14.5.1934.

Paratypes: 3 ♀ ♀ 3 ♂ ♂ [3 ♀ ♀ 3 ♂ ♂].

*Andrena chelma* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 66-67.

Holotype ♀: Chelmos, Peleponnes, 2.6.1962, leg. Schwarz.

Paratypes: [2 ♀ ♀].

Discussion: In the collection of Warncke there could be found no holotype for *A. chelma*.

*Andrena chersona* WARNCKE 1972. Nachrichtenbl. bayer. Ent., München 21: 124.

Holotype ♂: Cherson, Ukraine, 24.4.1943, leg. W. Grünwaldt.

Paratypes: [1 ♀ 1 ♂].

*Andrena ciconia* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 87.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena ciconia* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 38-39.

Holotype ♀: Ürgüp, 23.5.1972, leg. Warncke.

Paratypes: [3 ♀ ♀].

Etymology: *Ciconia* (Stork, Storch).

*Andrena cinerea* ssp. *navicola* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 5, 28-29.

Holotype ♀: Bengasi, Cyrenaika, 4.1926, leg. Krüger.

Paratypes: [2 ♀ ♀ 4 ♂ ♂].

*Andrena cinereophila* WARNCKE 1965. Beitr. Ent., Berlin 15: 39.

Holotype ♂: Delphi, 11.4.1963, leg. Warncke.

Paratypes: 6 ♀ ♀ 17 ♂ ♂ [5 ♀ ♀ 13 ♂ ♂].

*Andrena cinnamonea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 112.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena cinnamomea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 88-89.

Holotype ♀: Akseki, Taurus, 25.4.1973, 1300 m, leg. Warncke.

Paratypes: [2 ♀ ♀ 10 ♂ ♂].

*Andrena citrinella* WARNCKE 1967. EOS, Madrid 43: 227.

Holotype ♀: Konya, 25.5.1965, leg. Schwarz.

Paratypes: 3 ♀ ♀ 2 ♂ ♂ [3 ♀ ♀ 2 ♂ ♂].

Etymology: *Emberiza citrinella* (Yellowhammer, Goldammer).

*Andrena clusia* WARNCKE 1966. Acta ent. Bohemoslovaca, Praha 63: 122-123.

Holotype ♀: Chanlar, 1886 [Transkauk. Helenendorf, 1886].

Paratypes: 4 ♀ ♀ [4 ♀ ♀].

Discussion: "Helenendorf" is the German name for "Chanlar".

*Andrena clusia* ssp. *prilepensis* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 25, 34.

Holotype ♀: Prilep, 1.6.68, leg. Warncke.

Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].

*Andrena clypella* ssp. *hasitata* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 19, 28, 34.

Holotype ♀: Prilep, 1.6.68, leg. Warncke.

Paratypes: [10 ♀ ♀].

*Andrena coitana* ssp. *xema* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 87.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena coitana* ssp. *xema* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 100-101.

Holotype ♀: İkizdere, südl. Rize, 31.8.1973, leg. Warncke.

Paratypes: [12 ♀ ♀ 1 ♂].

Etymology: *Xema sabini* (Sabine's Gull, Schwalbenmöwe).

*Andrena combaella* WARNCKE 1966. Acta ent. Bohemoslovaca, Praha 63: 126-127.

Holotype ♂: Italien, Lazio, Roma, Acquatraversa, 13.5.1961, leg. Comba.

Paratypes: 4 ♀ ♀ 25 ♂ ♂ [2 ♀ ♀ 7 ♂ ♂].

*Andrena combinata* ssp. *crudelis* WARNCKE 1967. EOS, Madrid 43: 238.

Holotype ♀: Villaviciosa, 24.5.1924, leg. Dusmet.

Paratypes: 12 ♀ ♀ 3 ♂ ♂ [10 ♀ ♀ 3 ♂ ♂].

*Andrena concinna* ssp. *crecca* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 263.

Holotype ♂: Brussa, 1863, Mann.

Paratypes: 4 ♀ ♀ [2 ♀ ♀].

Etymology: *Anas crecca* (Teal, Krickente).

*Andrena concinna* ssp. *resoluta* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 20, 28.

Holotype ♂: Skopje, 5.37, leg. Meyer.

Paratypes: [3 ♀ ♀ 2 ♂ ♂].

*Andrena coromanda* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 93.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena coromanda* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 99-100.

Holotype ♂: Akseki, Taurus, 1300 m, 13.4.1974, leg. Warncke.

Paratypes: [1 ♀ 25 ♂ ♂].

Etymology: *Bubo coromandus* (Dusty Eagle Owl, Koromandeluhu).

*Andrena corpana* WARNCKE 1965. Beitr. Ent., Berlin 15: 66-67.

Holotype ♀: Larisa, 20.4.1962, leg. Warncke.

Paratypes: 5 ♀ ♀ [5 ♀ ♀].

*Andrena crassana* WARNCKE 1965. Beitr. Ent., Berlin 15: 59-60.

Holotype ♀: Delphi, 11.4.1963, leg. Warncke.

Paratypes: 2 ♀ ♀ 22 ♂ ♂ [2 ♀ ♀ 15 ♂ ♂].

*Andrena crassana* ssp. *inka* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 381, 398-399.

Holotype ♀: Binyamina, 7.4., leg. Bytinski-Salz.

Paratypes: 3 ♀ ♀ 5 ♂ ♂ [2 ♀ ♀ 2 ♂ ♂].

Etymology: *Larosterna inka* (Inka Tern, Inkaseschwalbe).

*Andrena crispa* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 102.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena crispa* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 98.

Holotype ♀: Horasan, Arastal, 16.6.1973.

Paratypes: [2 ♀ ♀].

Etymology: *Pelecanus crispus* (Dalmatian Pelican, Krauskopfpelikan).

*Andrena crypta* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena crypta* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 96-97.

Holotype ♂: Ispir, 17.6.1973, leg. Warncke.

Paratypes: [1 ♀ 4 ♂ ♂].

*Andrena cubicepsella* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 105.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena cubicepsella* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 76-77.

Holotype ♀: Madenşehir, 24.7.1971, leg. Warncke.

Paratypes: [6 ♂ ♂].

*Andrena cuneata* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 25, 49.

Holotype ♀: Tebessa, Algerien.

Paratypes: [1 ♀ 2 ♂ ♂].

*Andrena curvana* WARNCKE 1965. Beitr. Ent., Berlin 15: 29, 51.

Nom. nov. pro *Andrena cyanescens* var. *rufescens* FRIESE 1922, nec PÉREZ, 1895.

*Andrena curvana* WARNCKE 1966. Acta ent. Bohemoslovaca, Praha 63: 127.

Discussion: WARNCKE listed *A. curvana* as a "nom. nov. pro *A. gascheti* auct., nec PÉREZ 1903". *A. curvana* WARNCKE 1966, is a nomen nudum, because it is proposed as a replacement name for an unavailable name (Article 13 a iii ICZN 1985).

*Andrena cyanomicans* ssp. *mirna* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 385, 404.

Holotype ♀: Beersheba, 14.3.1946, leg. Bytinski-Salz.

Paratypes: 2 ♀ ♀ 1 ♂ [1 ♂].

*Andrena dargia* WARNCKE 1965. Beitr. Ent., Berlin 15: 65-66.

Holotype ♀: Delphi, 11.4.1963, leg. Warncke.

Paratypes: 7 ♀ ♀ [7 ♀ ♀].

*Andrena daphanea* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 25, 48-49.

Holotype ♀: Algerien.

Paratypes: [2 ♀ ♀].

*Andrena dauma* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 382, 401.

Holotype ♀: Nablus, 19.-26.4.34, leg. Enslin [coll. Kraus, Nürnberg].

Paratypes: [1 ♀].

Etymology: *Zoothera dauma* (White's Thrush, Erddrossel).

*Andrena decaocta* WARNCKE 1967. EOS, Madrid 43: 196.

Nom. nov. pro *Andrena albohirta* SAUNDERS 1908, nec ASHMEAD, 1890.

Etymology: *Streptopelia decaocto* (Collared Dove, Türkentaube).

*Andrena decipiens* ssp. *capta* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 19, 46.

Holotype ♀: El Hajeb, 22.7.1932, leg. Nadig [Marokko].

Paratypes: [1 ♀ 2 ♂ ♂].

*Andrena decollata* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 13, 40.

Holotype ♀: Bone, Algerien, 4.3.1896.

Paratypes: [5 ♀ ♀ 4 ♂ ♂].

*Andrena deserta* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 25, 48.

Holotype ♀: Biskra, Algerien, 1.3.1897.

Paratypes: [2 ♀ ♀ 1 ♂].

Etymology: *Oenanthe deserti* (Desert Wheatear, Wüstensteinschmätzer).

*Andrena dinizi* WARNCKE 1975. EOS, Madrid 49[1973]: 312-313.

Holotype ♀: Madrid.

Paratypes: [1 ♀].

*Andrena doursana* ssp. *agadira* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 84.

Holotype ♀: Agadir, S-Marokko, 20.2.77.

Paratypes: [2 ♀ ♀].

*Andrena doursana* ssp. *bengasia* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 84.

Holotype ♀: Bengasi, Cyrenaika, 3.26, leg. Krüger.

Paratypes: 1 ♀ [1 ♀].

*Andrena doursana* ssp. *citreola* WARNCKE 1975. EOS, Madrid 49[1973]: 295-296.

Holotype ♀: Vaciamadrid, Madrid, 15.5.1919, leg. Dusmet [? 24.4.19].

Paratypes: 3 ♀ ♀ 2 ♂ ♂.

Etymology: *Motacilla citreola* (Citrine Wagtail, Zitronenstelze).

*Andrena doursana* ssp. *mizorhina* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 92.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena doursana* ssp. *mizorhina* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 43.

Holotype ♀: Adana, 7.5.

Paratypes: 4♂♂.

*Andrena erberi* ssp. *migrans* WARNCKE 1967. EOS, Madrid 43: 233.

Holotype ♂: Sitia, Kreta, 17.-20.5.1963, leg. Gusenleitner.

Paratypes: 3♀♀ 2♂♂ [4♀♀ 3♂♂].

Etymology: *Milvus migrans* (Black Kite, Schwarzmilan).

Discussion: The number of paratypes differs from the data published in the original description.

*Andrena everna* WARNCKE 1974. Acta Mus. mor. Sci. nat., Brno 58[1973]: 165-166, 168-169.

Holotype ♀: Jalalabad, 1.-3.1965, leg. Povolny [coll. Moravian Land Museum, Brno].

Paratypes: 6♀♀ 1♂ [2♀♀ 1♂].

*Andrena exquisita* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 84.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena exquisita* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 32.

Holotype ♀: Büyükdere, Istanbul, 8.4.1972, leg. Bytinski-Salz.

Paratypes: [9♀♀].

*Andrena fabalis* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 256-257.

Holotype ♀: Adana, 25.5..

Paratypes: 6♀♀ 1♂ [6♀♀ 2♂♂].

Etymology: *Anser fabalis* (Bean Goose, Saatgans).

Discussion: The number of paratypes in the collection differs from the data given in the original description.

*Andrena fabrella* ssp. *meseta* WARNCKE 1975. EOS, Madrid 49[1973]: 298.

Holotype ♂: Rivas, Madrid, 21.5.1907, leg. Dusmet.

Paratypes: [8♀♀ 8♂♂].

*Andrena falcinella* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 394-395, 408.

Holotype ♀: Herzliya, 13.2., leg. Bytinski-Salz.

Paratypes: 6♀♀ 13♂♂ [3♀♀ 5♂♂].

Etymology: *Limicola falcinellus* (Broad-billed Sandpiper, Sumpfläufer).

*Andrena flavipes* ssp. *alexandrina* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 262.

Nom. nov. pro *Andrena cinerascens* EVERSMAHN, 1852, nec NYLANDER, 1848.

Etymology: *Charadrius alexandrinus* (Kentish Plover, Seeregenpfeifer).

*Andrena flavipes* ssp. *ibizensis* WARNCKE 1984. in: H. HOHMANN. Bees and wasps on Eivissa: faunistic notes on Hymenoptera Aculeata. in: H. KUHBIER, J.A. ALCOVER, C.G.

D'ARELLANO TUR (eds.). Biogeography and Ecology of the Pityusic Islands. in: DUMONT, H. J (ed.). Monographiae Biologicae, vol. 52. - Junk, Den Haag. pp. 323-325.  
Holotype ♂: Sant Carles, 19km NE Vila d'Eivissa, 26.4.76, leg. Hohmann [coll. Übersee-Museum, Bremen].

Paratypes: 36 ♀ ♀ 34 ♂ ♂ [8 ♀ ♀ 8 ♂ ♂].

*Andrena flavobila* WARNCKE 1965. Beitr. Ent., Berlin 15: 34.

Holotype ♀: Lamia, 15.4.1963, leg. Warncke.

Paratypes: 23 ♀ ♀ 8 ♂ ♂ [11 ♀ ♀ 2 ♂ ♂].

*Andrena flavobila* ssp. *albicilla* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 90.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena flavobila* ssp. *albicilla* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 42.

Holotype ♀: Sarayönü, 10.5.1964, leg. Warncke.

Paratypes: [9 ♀ ♀ 10 ♂ ♂].

Etymology: *Haliaeetus albicilla* ( White-tailed Eagle, Seeadler).

*Andrena florea* ssp. *anhinga* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 104.

Discussion: Nomen nudum, because in this publication a description is missing. .

*Andrena florea* ssp. *anhinga* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 99.

Holotype ♂: Horasan, Arastal, 14.6.1973, leg. Warncke.

Paratypes: [1 ♀ 4 ♂ ♂].

Etymology: *Anhinga* (Schlangenhalsvogel).

*Andrena florea* ssp. *corsica* WARNCKE in: WARNCKE, DESMIER de CHENON & LECLERCQ 1974. Atlas Provisoire des Ins. de France, Gembloux, p. 2.

Discussion: Nomen nudum, because a description of the species is missing.

*Andrena florea* ssp. *corsica* WARNCKE 1975. Ent. Z., Stuttgart 85: 135.

Holotype ♂: San Nicolao/Korsika, Anf. Mai 1958, leg. Rebmann.

Paratypes: [3 ♂ ♂].

*Andrena florentina* ssp. *subflorina* WARNCKE 1967. EOS, Madrid 43: 214-215.

Holotype ♀: Villaverde, 25.3.1907, leg. Dusmet.

Paratypes: 9 ♀ ♀ 10 ♂ ♂ [8 ♀ ♀ 7 ♂ ♂].

*Andrena forsterella* WARNCKE 1967. EOS, Madrid 43: 205-206.

Discussion: Possibly a nomen nudum, because the description is not clear and furthermore no types are designated.

*Andrena forsteri* WARNCKE 1965. Beitr. Ent., Berlin 15: 58-59.

Holotype ♀: Delphi, 11.4.1963, leg. Warncke.

Paratypes: 11 ♀ ♀ 74 ♂ ♂ [5 ♀ ♀ 12 ♂ ♂].

*Andrena fratercula* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 90.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena fratercula* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 94.

Holotype ♀: Horasan, Arastal, 14.6.1973, leg. Warncke.

Paratypes: [3 ♀ ♀].

Etymology: *Fratercula* (Puffin, Papageitaucher).

*Andrena fria* WARNCKE 1975. EOS, Madrid 49[1973]: 298-299.

Holotype ♀: Pozuelo de Calatrava, Ciudad Real, leg. la Fuente.

Paratypes: 6 ♀ ♀ 4 ♂ ♂ [1 ♀ 1 ♂].

*Andrena fuligula* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 255-256.

Holotype ♀: Adana, 5.4..

Paratypes: 6 ♀ ♀ 6 ♂ ♂ [6 ♀ ♀ 5 ♂ ♂].

Etymology: *Aythya fuligula* (Tufted Duck, Reiherente).

*Andrena funerea* WARNCKE 1967. EOS, Madrid 43: 232-233.

Holotype ♀: Arganda, Madrid, 17.5.1933, leg. Dusmet.

Paratypes: 12 ♀ ♀ 3 ♂ ♂. [4 ♀ ♀ 4 ♂ ♂].

Etymology: *Aegolius funereus* (Trenkmalm's Owl, Rauhußkauz).

*Andrena galbula* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 84.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena galbula* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 93.

Holotype ♂: Diarbakir, 15.-16.4.1972.

Paratype: 1 ♂ [1 ♂].

*Andrena gallinula* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 85.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena gallinula* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 33-35.

Holotype ♂: Ercias Dag, 2200 m, 28.5.1972, leg. Warncke.

Paratypes: [5 ♀ ♀ 2 ♂ ♂].

Etymology: *Gallinula* (Moorhen, Teichhuhn).

*Andrena gamskrucki* WARNCKE 1965. Beitr. Ent., Berlin 15: 61.

Holotype ♀: Larisa, 10.4.1962, leg. Warncke.

Paratypes: 14 ♀ ♀ 5 ♂ ♂ [6 ♀ ♀ 4 ♂ ♂].

Etymology: WARNCKE mentioned the strongly bent spurs at the posterior tibiae of *A. gamskrucki*. These might have reminded him of the horns of chamois, which are called "Gamskrucken" in Bavaria.

*Andrena gamskrucki* ssp. *eburnea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 85.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena gamskrucki* ssp. *eburnea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 35-36.

Holotype ♀: Ayvalik, 18.4.1965, leg. Warncke.

Paratypes: [4 ♀ ♀ 2 ♂ ♂].

Etymology: *Pagophila eburnea* (Ivory Gull, Elfenbeinmöve).

- Andrena gamskrucki* ssp. *impasta* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 85.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena gamskrucki* ssp. *impasta* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 36.  
Holotype ♀: Birecik, 2.4.1969, leg. Warncke.  
Paratypes: [3 ♀ ♀ 5 ♂ ♂].
- Andrena garrula* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 251-252.  
Holotype ♀: Sarayönü bei Konya, 10.5.1964, leg. Warncke.  
Paratypes: 57 ♀ ♀ 2 ♂ ♂ [16 ♀ ♀ 2 ♂ ♂].  
Etymology: *Coracias garrulus* (Roller, Blauracke).
- Andrena garrula* ssp. *lomvia* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 380, 397.  
Holotype ♂: Jerusalem, 1.3.1969, leg. Bytinski-Salz.  
Paratypes: 3 ♀ ♀ 7 ♂ ♂ [1 ♀ 1 ♂].  
Etymology: *Uria lomvia* (Brünnichs's Guillemot, Dichschnabellumme).
- Andrena garzetta* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 97.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena garzetta* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 55.  
Holotype ♀: Ayvalik, 13.4.1965, leg. Warncke.  
Paratypes: [18 ♀ ♀ 11 ♂ ♂].  
Etymology: *Egretta garzetta* (Little Egret, Seidenreiherr).
- Andrena gazella* ssp. *flammea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 106.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena gazella* ssp. *flammea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 77-78.  
Holotype ♀: Yeşilhisar, 28.5.1972, leg. Warncke.  
Paratypes: 3 ♀ ♀ [1 ♀].  
Etymology: *Asio flammeus* (Short-eared Owl, Sumpfohreule).
- Andrena gelrae* ssp. *gredana* WARNCKE 1975. EOS, Madrid 49[1973]: 310.  
Holotype ♂: Sierra de Guadarrama, Madrid, 12.5.1912.  
Paratypes: [5 ♀ ♀ 10 ♂ ♂].
- Andrena gelrae* ssp. *producta* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 33, 35.  
Holotype ♂: Marchfeld, Niederösterreich, 9.6.38, leg. Schmidt.  
Paratypes: [9 ♀ ♀ 10 ♂ ♂].
- Andrena gelrae* ssp. *vocifera* WARNCKE 1975. Ent. Z., Stuttgart 85: 136.  
Holotype ♂: Bordeaux, Drôme, 9.6.1965.  
Paratypes: [1 ♂].  
Etymology: *Haliaeetus vocifer* (African Fish-Eagle, Schreiseeadler).
- Andrena gelrae* ssp. *vocifera* WARNCKE in: WARNCKE, DESMIER de CHENON & LECLERCQ 1974. Atlas Provisoire des Ins. de France, Gembloux, p. 2.  
Discussion: Nomen nudum, because a description of the species is missing.



*Andrena glandaria* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 103.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena glandaria* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 71.

Holotype ♀ [♂]: Urfa, 1.6.1968, leg. Gusenleitner.

Paratypes: [5♂♂].

Etymology: *Clamator glandarius* (Great Spotted Cockoo, Häherkuckuck).

*Andrena glareola* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 382, 400-401.

Holotype ♂: Nazareth [~~Ramleh~~, Israel].

Paratypes: 2♀♀ 2♂♂ [2♀♀ 1♂].

Etymology: *Glareola* (Pratincole, Brachschwalbe).

Discussion: The label of the holotype shows the name of Ramleh crossed out, in the original description Warncke mentions Nazareth as the type locality.

Discussion: In the original description WARNCKE designated a female, not a male specimen as the holotype.

*Andrena glidia* WARNCKE 1965. Beitr. Ent., Berlin 15: 49-50.

Holotype ♀: Graecia.

Paratypes: 4♀♀ 3♂♂ [5♀♀ 3♂♂].

Discussion: One female "paratype" bearing the label "Damascus Schmiedeknecht" does not belong to the type series.

*Andrena govinda* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 14, 41.

Holotype ♀: Wadi Digla, Ägypten, 12.2.1932, leg. Priesner.

Paratypes: [2♀♀ 2♂♂].

*Andrena govinda* ssp. *eremitica* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 14, 41.

Holotype ♀: Doiurat, Tunesien.

Paratypes: [1♀♀ 2♂♂].

*Andrena gordia* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 84.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena gordia* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 30-31.

Holotype ♀: Adana, 7.4.1969, leg. Warncke.

Paratypes: [5♀♀ 1♂].

*Andrena graecella* WARNCKE 1965. Beitr. Ent., Berlin 15: 30, 68.

"Nom. nov. pro *Andrena strymonia* PITTIONI 1950, ♀ nec ♂".

Discussion: *A. graecella* has to be treated as a new species described by WARNCKE and not as a new name for "*Andrena strymonia* PITTIONI 1950 ♀, nec ♂".

According to the original description WARNCKE investigated 23♀♀ and 54♂♂, which form the syntype series. No types are designated in Warncke's collection. The localities of the syntypes are Larisa, Trikala and Delphi (Greece).

*Andrena graecella* ssp. *butea* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 271-272.

Holotype ♂: Sarayönü bei Konya, 10.5.1964, leg. Warncke.

Paratypes: 40♀♀ 103♂♂ [40♀♀ 15♂♂].

Etymology: *Buteo* (Buzzard, Bussard).

Discussion: The holotype is labelled "*Andrena graecella butea* WAR.".

- Andrena gregaria* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 21, 47.  
Holotype ♀: Marrakesch, Marokko, 3.1907, leg. Escalera.  
Paratypes: [5 ♀ ♀ 1 ♂].  
Etymology: *Chettusia gregaria* (Sociable Plover, Steppenkiebitz).
- Andrena griseigena* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena griseigena* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 60.  
Holotype ♀: Ürgüp, 21.7.1971, leg. Warncke.
- Andrena guichardi* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 85-86.  
Holotype ♀: Sidi-Ifni, within 100 m of sea, 31.3.1974, leg. Guichard & Else [coll. British Museum (Natural History) Entomology, London].  
Paratypes: 4 ♀ ♀ [2 ♀ ♀].
- Andrena gunaca* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 85.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena gunaca* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 35.  
Holotype ♂: Yeşilhisar, 27.5.1972, leg. Warncke.
- Andrena guttata* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 389, 407-408.  
Holotype ♀: Yeroham, 13.3., leg. Bytinski-Salz [Palestine, Bir Rechroe, 13.III., leg. Bytinski-Salz].  
Paratypes: 4 ♀ ♀ [2 ♀ ♀].
- Andrena hedikae* ssp. *inexpectata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 101.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena hedikae* ssp. *inexpectata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 70.  
Holotype ♀: Horasan, Arastal, 16.6.1973, leg. Warncke.  
Paratypes: [4 ♀ ♀ 2 ♂ ♂].
- Andrena helenica* WARNCKE 1965. Beitr. Ent., Berlin 15: 68-69.  
Holotype ♀: Trikala, 17.4.1962, leg. Warncke.  
Paratypes: 57 ♀ ♀ 50 ♂ [23 ♀ ♀ 39 ♂ ♂].
- Andrena henotica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 103.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena henotica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 71-72.  
Holotype ♀: Urfa, 31.5.1968, leg. Gusenleitner.  
Paratypes: [3 ♂ ♂].
- Andrena hibernica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 104.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena hibernica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 74-75.  
Holotype ♀: Yeşilhisar, 27.5.1972, leg. Warncke.  
Paratypes: [2 ♀ ♀ 1 ♂].

*Andrena hibernica* ssp. *caucasica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 104.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena hibernica* ssp. *caucasica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 75.

Holotype ♂: Araxestal, Caucasus, 1889, coll. E. Reitter.

Paratypes: [2 ♀ ♀].

*Andrena hillana* WARNCKE 1968. Notul. ent., Helsingfors 48: 73-74.

Holotype ♀: Fuerteventura, Matilla, 16.3.1949, leg. Lindberg.

Paratypes: 2 ♀ ♀ 1 ♂ [1 ♀ 1 ♂].

*Andrena hispania* WARNCKE 1967. EOS, Madrid 43: 212-213.

Holotype ♀: Algeciras, Andalusien, 1.-10.5.1925, leg. Zerny.

Paratypes: 2 ♀ ♀ 8 ♂ ♂ [2 ♀ ♀ 8 ♂ ♂].

*Andrena hova* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 107.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena hova* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 81.

Holotype ♂: Ankara, 3.6.1972, leg. Warncke.

Paratypes: [6 ♀ ♀ 13 ♂ ♂].

Etymology: *Asio hova* (Marsh Owl, Kapohreule).

*Andrena humabilis* WARNCKE 1965. Beitr. Ent., Berlin 15: 39-40.

Holotype ♀: Delphi, 11.4.1963, leg. Warncke.

Paratypes: 4 ♀ ♀ 3 ♂ ♂ [4 ♀ ♀ 3 ♂ ♂].

*Andrena humilis* ssp. *ardeola* WARNCKE in: WARNCKE, DESMIER de CHENON & LECLERCQ

1974. Atlas Provisoire des Ins. de France, Gembloux, p. 3.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena humilis* ssp. *ardeola* WARNCKE 1975. Ent. Z., Stuttgart 85: 134.

Holotype ♂: Pescara/Italien, 21.4.1963, leg. Warncke.

Paratypes: [4 ♀ ♀ 6 ♂ ♂].

Etymology: *Ardeola* (Squacco Heron, Rallenreiher).

*Andrena humilis* ssp. *cucullata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 29.

Holotype ♀: Athen, 10.4.1963, leg. Warncke.

Paratypes: [3 ♀ ♀ 4 ♂ ♂].

*Andrena humilis* ssp. *hiaticula* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 29.

Holotype ♀: Knossos, Kreta, 13.5.1963, leg. Schwarz.

Paratypes: [1 ♀].

Etymology: *Charadrius hiaticula* (Ringed Plover, Sandregenpfeifer).

*Andrena humilis* ssp. *indigena* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 83.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena humilis* ssp. *indigena* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 29-30.

Holotype ♂: Sereflikoçhisar, 24.5.1972, leg. Warncke.

Paratypes: [10 ♀ ♀ 7 ♂ ♂]

*Andrena humilis* ssp. *prunella* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 83.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena humilis* ssp. *prunella* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 30.

Holotype ♀: Antakya, Hatay, 1.5.1964, leg. Warncke.

Paratypes: [5 ♀ ♀].

Etymology: *Prunella* (Accentor, Braunelle).

*Andrena hungarica* ssp. *macroura* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 106.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena hungarica* ssp. *macroura* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 77.

Holotype ♀: Ankara, 22.6.1973, leg. Warncke.

Paratypes: [4 ♀ ♀ 4 ♂ ♂].

Etymology: *Circus macrourus* (Pallid Harrier, Steppenweihe).

*Andrena hybrida* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 87.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena hybrida* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 39.

Holotype ♀: Konya, 5.6.1967, leg. Gusenleitner.

Paratypes: [2 ♂ ♂].

Etymology: *Chlidonias hybrida* (Whiskered Tern, Weißbart-Seeschwalbe).

*Andrena hybrida* ssp. *tauriensis* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 87.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena hybrida* ssp. *tauriensis* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 39.

Holotype ♀: Sertavul, 1600 m, 2.6.1967, leg. Gusenleitner.

Paratypes: [5 ♀ ♀ 1 ♂].

*Andrena hybrida* ssp. *uralskia* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 40.

Holotype ♀: Uralsk, leg. Bartel.

Paratypes: [2 ♀ ♀ 2 ♂ ♂].

*Andrena hyemala* WARNCKE 1973. Mitt. zool. Mus., Berlin 49: 30-32.

Holotype ♂: Delphi, 11.4.1963, leg. Warncke.

Paratypes: [12 ♀ ♀ 28 ♂ ♂].

Etymology: *Clangula hyemalis* (Longtailed Duck, Eisente).

*Andrena hyemala* ssp. *repressa* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 99.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena hyemala* ssp. *repressa* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 62.

Holotype ♂: Adana, 6.4.1971, leg. Warncke.

Paratypes: [62 ♀ ♀ 19 ♂ ♂].

Etymology: *Sterna repressa* (Weißwangenseeschwalbe).

*Andrena hystrix* ssp. *rufilata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 101.

Discussion: Nomen nudum, because in this publication a description is missing.

- Andrena hystrix* ssp. *rufilata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 71.  
 Holotype ♀: Ankara, 1.6.1971, leg. Warncke.  
 Paratypes: [2 ♀ 2 ♂].
- Andrena icterina* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 12, 38.  
 Holotype ♀: Teniet el Haad, Algerien, 10.5.1895.  
 Paratypes: [5 ♀ 2 ♂].  
 Etymology: *Hippolais icterina* (Icterine Warbler, Gelbspötter).
- Andrena iliaca* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 382, 401-403.  
 Holotype ♀: Nablus, 19.-26.4.1934, leg. Enslin [coll. Kraus, Nürnberg].  
 Paratypes: 1 ♀ 4 ♂ [1 ♀ 2 ♂].  
 Etymology: *Turdus iliaca* (Redwing, Rotdrossel).
- Andrena illyrica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 49.  
 Holotype ♀: Chilia Veche, Rumänien, 7.5.1964.  
 Paratypes: [5 ♀ 1 ♂].
- Andrena immaculata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.  
 Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena immaculata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 60-61.  
 Holotype ♀: Şereflikoçhisar, 24.5.1972, leg. Warncke.  
 Paratypes: [12 ♀ 2 ♂].
- Andrena incognita* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.  
 Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena incognita* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 56.  
 Holotype ♀: Diarbakir, 15.-16.4.1972, leg. Bytinski-Salz.  
 Paratypes: [13 ♀].
- Andrena innesi* ssp. *tantana* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 84-85.  
 Holotype ♀: S-Marokko, 31 km Goulimine-Tan Tan Road, ca. 100 m, 17.3.1974, leg. Guichard & Else [coll. British Museum (Natural History) Entomology, London].  
 Paratypes: 4 ♀.
- Andrena innesi* ssp. *undata* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 384, 404.  
 Holotype ♀: Kinneret, 9.4.42, leg. Bytinski-Salz [leg. Palmoni].  
 Paratypes: 1 ♀ 1 ♂ [1 ♂].  
 Etymology: *Sylvia undata* (Dartford Warbler, Provencegrasmücke).
- Andrena insignis* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 6, 29.  
 Holotype ♂: Imlil bei Asni, Hoher Atlas, 19.4.1961.  
 Paratypes: [2 ♀ 1 ♂].
- Andrena isabellina* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 381, 400.  
 Holotype ♀: Jericho., 20.-28.4.27, leg. Enslin [coll. Kraus, Nürnberg].  
 Paratypes: 4 ♀ 1 ♂ [3 ♀].  
 Etymology: *Oenanthe isabellina* (Isabelline Warbler, Isabellsteinschmätzer)

*Andrena isis* ssp. *canaria* WARNCKE 1968. Notul. ent., Helsingfors 48: 67.

Holotype ♀: Teneriffa, Güimar, 2.1.1910.

Paratypes: 31 ♀ ♀ 3 ♂ ♂ [12 ♀ ♀ 3 ♂ ♂].

*Andrena ispida* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 264-265.

Holotype ♀: Beyşehir, 4.-8.6.1964, leg. Gusenleitner.

Paratypes: 4 ♀ ♀ 4 ♂ ♂ [3 ♀ ♀ 3 ♂ ♂].

Etymology: *Alcedo ispida* (Kingfisher, Eisvogel).

*Andrena jalalabadensis* WARNCKE 1974. Acta Mus. mor. Sci. nat., Brno 58[1973]: 165, 168.

Holotype ♀: Jalalabad, 1.-3.1965, leg. Povolny [coll. Moravian Land Museum, Brno].

Paratypes: 2 ♀ ♀ 1 ♂ [1 ♂].

*Andrena janthina* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 100.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena janthina* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 69.

Holotype ♀: Urfa, 20.5.1967, leg. Gusenleitner.

Paratypes: [6 ♂ ♂].

*Andrena kilikiae* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 381, 399-400.

Holotype ♂: Adana, Turkey, 25.3.67, leg. Warncke.

Paratypes: 1 ♀ 9 ♂ ♂ [1 ♀ 8 ♂ ♂].

*Andrena konyella* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 100.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena konyella* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 67-68.

Holotype ♀: Madenşehir, 24.7.1971, leg. Warncke.

Paratypes: [62 ♀ ♀ 22 ♂ ♂].

*Andrena kurda* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena kurda* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 58-60.

Holotype ♀: Çiftlikhan, 27.-31.5.1955, leg. Seidenstücker [coll. Kraus, Nürnberg].

Paratypes: [4 ♀ ♀].

*Andrena labialis* ssp. *megala* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 105.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena labialis* ssp. *megala* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 76.

Holotype ♀: Şereflikoçhisar, 24.5.1972, leg. Warncke [Türkei].

Paratypes: [10 ♀ ♀ 12 ♂ ♂].

Etymology: *Gallinago megala* (Swinhoe's Snipe, Waldbekassine).

*Andrena labialis* ssp. *stenura* WARNCKE 1975. EOS, Madrid 49[1973]: 310.

Holotype ♀: Lissabon, Portugal, 24.4.1955, leg. Andrade.

Paratypes: [4 ♀ ♀ 3 ♂ ♂].

Etymology: *Gallinago stenura* (Pintail Snipe, Spießente).

*Andrena labiata* ssp. *bellina* WARNCKE 1967. EOS, Madrid 43: 225.

Holotype ♂: Madrid.

Paratypes: 3 ♀ ♀ 1 ♂ [3 ♀ ♀ 1 ♂].

Discussion: The type series is labelled "*Andrena labiata bella* WAR.".

*Andrena laghmana* WARNCKE 1974. Acta Mus. mor. scie. nat., Brno 58[1973]: 162, 166.

Holotype ♀: Laghman, 860 m, 24.2.1966, leg. Povolny & Tenora, P.T. 19 [coll. Moravian Land Museum, Brno].

Paratypes: 1 ♀ 5 ♂ ♂ [1 ♀ 1 ♂].

*Andrena langadensis* WARNCKE 1965. Beitr. Ent., Berlin 15: 51: 51-52.

Holotype ♀: Lamia, 15.4.1963, leg. Warncke.

Paratypes: 6 ♀ ♀ 2 ♂ ♂ [3 ♀ ♀ 2 ♂ ♂].

*Andrena langadensis* ssp. *albipila* WARNCKE 1967. EOS, Madrid 43: 237.

Holotype ♀: Villaverde, 6.6.1909, leg. Dusmet.

Paratype: 1 ♂ [1 ♂].

*Andrena langadensis* ssp. *clanga* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 259.

Holotype ♀: Kadirli b. Adana, 5.5.1964, leg. Warncke.

Paratypes: 10 ♀ ♀ [10 ♀ ♀].

Etymology: *Aquila clanga* (Spotted Eagle, Schelladler).

*Andrena langadensis* ssp. *oblonga* WARNCKE 1967. EOS, Madrid 43: 236-237.

Holotype ♀: Bengasi, Cyrenaika, 17.3.1922, leg. Krüger.

Paratypes: 5 ♀ ♀ 3 ♂ ♂ [5 ♀ ♀ 3 ♂ ♂].

*Andrena larisana* WARNCKE 1965. Beitr. Ent., Berlin 15: 42-43.

Holotype ♀: Larisa, 10.4.1962, leg. Warncke.

Paratype: 1 ♂ [1 ♂].

*Andrena laurivora* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 18, 46.

Holotype ♀: Marrakesch, Marokko, 3.1907, leg. Escalera.

Paratypes: [3 ♀ ♀ 3 ♂ ♂].

Etymology: *Columba laurivora* (Laurel Pigeon, Lorbeertaube).

*Andrena lepida* ssp. *eleonorae* WARNCKE 1967. EOS, Madrid 43: 239.

Holotype ♀: Madrid, 10.4.1904, leg. Dusmet.

Paratypes: 9 ♀ ♀ 6 ♂ ♂ [9 ♀ ♀ 6 ♂ ♂].

Etymology: *Falco eleonorae* (Eleonora's Falcon, Eleonorenfalke).

*Andrena lepurana* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 26, 50-51.

Holotype ♀: Koudia, Marokko, 13.1.1969.

Paratypes: [5 ♀ ♀ 1 ♂].

*Andrena leucopsis* WARNCKE 1967. EOS, Madrid 43: 241.

Holotype ♀: Stip, Jugoslawien, 5.1937, leg. Meyer.

Paratypes: 5 ♀ ♀ [6 ♀ ♀].

Etymology: *Branta leucopsis* (Barnacle Goose, Weißwangengans).

Discussion: The number of paratypes in the collection of Warncke disagrees with the published data: in the collection there are two female specimens from "Zachlorou" bearing the same labels, whereas Warncke mentioned only a single female specimen from this locality in the original description.

*Andrena leucopsis* ssp. *finschi* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 107.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena leucopsis* ssp. *finschii* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 78.

Holotype ♀: Madenşehir, 6.6.1971, leg. Warncke [Türkei, Konya].

Paratypes: [6 ♀ 2 ♂].

Etymology: *Oenanthe finschii* (Finsch's Wheatear, Felsensteinschmätzer).

*Andrena leucorhina* ssp. *abnormis* WARNCKE 1967. EOS, Madrid 43: 216.

Holotype ♀: Wadi el Kelt, Palästina, 20.-28.4.1927, leg. Enslein.

Paratypes: 3 ♀ 1 ♂ [3 ♀ 1 ♂].

*Andrena leucura* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 26, 50.

Holotype ♀: Ghardaia, Algerien.

Paratypes: [1 ♀ 2 ♂].

Etymology: *Oenanthe leucura* (Black Wheatear, Trauersteinschmätzer).

*Andrena limata* ssp. *mixtura* WARNCKE 1967. EOS, Madrid 43: 214.

Holotype ♀: Carcavetos, Portugal, 29.4.1956, leg. Andrade.

Paratypes: 4 ♀ [4 ♀].

*Andrena limbata* ssp. *dusmeti* WARNCKE 1967. EOS, Madrid 43: 215-216.

Holotype ♀: Manteiga, Serra Estrella, Prov. Beira Alta, Portugal, 28.6.-8.7.1929, leg. Kricheldorf.

Paratypes: 6 ♀ [6 ♀].

*Andrena lineolata* WARNCKE 1968. Notul. ent., Helsingfors 48: 76.

Holotype ♀: Teneriffa, El Portillo, 18.6.1933.

Paratypes: 13 ♀ 15 ♂ [8 ♀ 6 ♂].

*Andrena livens* ssp. *algeria* WARNCKE 1967. EOS, Madrid 43: 218.

Holotype ♂: Tunis, 1898, leg. Schmiedeknecht.

Paratypes: 4 ♀ 4 ♂ [2 ♀ 4 ♂].

*Andrena livens* ssp. *grünwaldti* WARNCKE 1967. EOS, Madrid 43: 219.

Holotype ♂: Taormina, 28.3.-5.4.1921, leg. Schlüter.

Paratypes: 3 ♀ 2 ♂ [3 ♀ 2 ♂].

*Andrena lonicera* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 35.

Holotype ♀: Galičica Planina, 9.6.72, leg. Teunissen.

Paratypes: 5 ♀ 1 ♂ [2 ♀ 1 ♂].

*Andrena lucidula* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 11, 36-37.

Holotype ♀: Constantine, Algerien, 13.5.1895.

Paratypes: [2 ♀ 1 ♂].



*Andrena lunata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 111.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena lunata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 87-88.

Holotype ♂: Şereflikoçhisar, 17.5.1970, leg. Warncke.

Paratypes: [3 ♀ ♀ 8 ♂ ♂].

*Andrena lusciniæ* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 95.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena lusciniæ* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 46-47.

Holotype ♀: Tunceli, 13.6.1973, leg. Warncke.

Paratypes: [6 ♀ ♀ 1 ♂].

Etymology: *Luscinia luscinia* (Thrush Nightingale, Sprosser).

*Andrena lutea* WARNCKE 1967. EOS, Madrid 43: 245-246.

Holotype ♀: Cyrenaika, R. U. Agrario, 3.1926, leg. Krüger.

Paratypes: 4 ♀ ♀ 2 ♂ ♂ [4 ♀ ♀ 2 ♂ ♂].

Etymology: *Motacilla flava lutea* (Yellow Wagtail, Schafstelze).

*Andrena macroptera* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 18, 45.

Holotype ♀: Koudia, Marokko, 28.3.1959.

Paratypes: [1 ♀ 1 ♂].

*Andrena maderensis* ssp. *fratella* WARNCKE 1968. Notul. ent., Helsingfors 48: 71-72.

Holotype ♀: Marokko, Marrakesch.

Paratypes: 1 ♀ 2 ♂ ♂ [1 ♀ 2 ♂ ♂].

*Andrena maderensis* ssp. *notata* WARNCKE 1968. Notul. ent., Helsingfors 48: 70-71.

Holotype ♀: Fuerteventura, Catalina Garcia, 15.4.1934.

Paratypes: 2 ♀ ♀ 2 ♂ ♂ [2 ♀ ♀ 2 ♂ ♂].

*Andrena magna* WARNCKE 1965. Beitr. Ent, Berlin 15: 30-32.

Holotype ♀: Graecia.

Paratypes: 8 ♀ ♀ 4 ♂ ♂ [6 ♀ ♀ 3 ♂ ♂].

*Andrena magunta* WARNCKE 1965. Beitr. Ent., Berlin 15: 67-68.

Holotype ♀: Larisa, 20.4.1962, leg. Warncke.

Paratypes: 7 ♀ ♀ [6 ♀ ♀].

*Andrena mara* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 6, 29-31.

Holotype ♂: Sici Ferruch, Algerien, 18.3.1910, leg. Bequaert.

Paratypes: [10 ♀ ♀ 10 ♂ ♂].

*Andrena mariana* WARNCKE 1968. Notul. ent., Helsingfors 48: 75-76.

Holotype ♀: Fuerteventura, Valle Granadille, 17.4.1934.

Paratypes: 3 ♀ ♀ 1 ♂ [3 ♀ ♀ 1 ♂].

*Andrena mariana* ssp. *alma* WARNCKE 1975. EOS, Madrid 49[1973]: 299.

Holotype ♀: El Soldado, Córdoba, leg. Seyrig.

Paratypes: [5 ♀ ♀].

- Andrena mariana* ssp. *leptura* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 13, 40.  
Holotype ♂: Maghagha, Ägypten, 10.1.1962.  
Paratypes: [5 ♀ ♀ 3 ♂ ♂].
- Andrena mariana* ssp. *mica* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 13, 40.  
Holotype ♀: Ghardaia, Algerien.  
Paratypes: [7 ♀ ♀ 6 ♂ ♂].
- Andrena mariana* ssp. *solda* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 13-14, 40.  
Holotype ♂: Husseyn-Dey, Algier, 23.3.1910, leg. Bequaert.  
Paratypes: [9 ♀ ♀ 7 ♂ ♂].
- Andrena mariana* ssp. *tenostr*a WARNCKE 1975. EOS, Madrid 49[1973]: 300.  
Holotype ♀: Villajoyosa, Alicante, 11.5.1935, leg. Andreu.  
Paratypes: [3 ♀ ♀].
- Andrena medeninensis* ssp. *abunda* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 8, 34-35.  
Holotype ♀: Koudia, Marokko, 19.1.1970.  
Paratypes: [7 ♀ ♀].
- Andrena medeninensis* ssp. *donata* WARNCKE 1967. EOS, Madrid 43: 227-228.  
Holotype ♀: Spanien.  
Paratypes: 4 ♀ ♀ 1 ♂ [4 ♀ ♀ 1 ♂].
- Andrena medeninensis* ssp. *tiznita* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 83.  
Holotype ♀: Sus, Tiznit, 6.1907, leg. Escalera.  
Paratypes: 2 ♀ ♀ [1 ♀].
- Andrena medeninensis* ssp. *usura* WARNCKE 1967. EOS, Madrid 43: 228.  
Holotype ♀: Ayvalik, West-Türkei, 13.4.1965, leg. Warncke.  
Paratypes: 2 ♀ ♀ [2 ♀ ♀].
- Andrena melacana* WARNCKE 1967. EOS, Madrid 43: 201.  
Nom. nov. pro *Andrena melaleuca* FRIESE 1922, nec PÉREZ 1895.
- Andrena melaleuca* ssp. *corax* WARNCKE 1967. EOS, Madrid 43: 244-245.  
Holotype ♀: Granada, 6.1899.  
Paratypes: 7 ♀ ♀ 3 ♂ ♂ [5 ♀ ♀ 3 ♂ ♂].  
Etymology: *Corvus corax* (Raven, Kolkkrabe).
- Andrena melanota* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 103.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena melanota* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 72-73.  
Holotype ♀: Erzurum, 28.5.1970, leg. Özbek.  
Paratypes: [12 ♀ ♀ 6 ♂ ♂].
- Andrena melba* WARNCKE 1966. Acta ent. Bohemoslovaca, Praha 63: 120.  
Holotype ♀: Elisabethpol, Kaukasus.  
Paratypes: 8 ♀ ♀ 1 ♂ [7 ♀ ♀ 1 ♂].  
Etymology: *Apus melba* (Alpine Swift, Alpensegler).

*Andrena merula* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 388, 407.

Holotype ♂: Ayia Ezini, Cyprus, 20.4.39, leg. Mavromoustakis.

Paratypes: ?21 ♀ 2 ♂ ♂ [3 ♀ 2 ♂ ♂].

Etymology: *Turdus merula* (Blackbird, Amsel).

*Andrena minapalumboi* ssp. *delphiensis* WARNCKE 1965. Beitr. Ent., Berlin 15: 35-36.

Holotype ♀: Delphi, 11.4.1963, leg. Warncke.

Paratypes: 15 ♀ 19 ♂ ♂ [7 ♀ 8 ♂ ♂].

Discussion: The labell of the holotype bears the name "*Andrena oulskii delphiensis*".

*Andrena minima* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 15, 44.

Holotype ♂: Mascara, Algerien, 8.5.1910, leg. Bequaert.

Paratypes: [1 ♀ 2 ♂ ♂].

*Andrena minutula* ssp. *alga* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 12, 38.

Holotype ♀: Constantine, Algerien.

Paratypes: [9 ♀ 4 ♂ ♂].

*Andrena mollissima* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 104.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena mollissima* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 75-76.

Holotype ♂: Diarbakir, 15.-16.4.1972, leg. Bytinski-Salz.

Etymology: *Somateria mollissima* (Eider, Eiderente).

*Andrena monacha* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 265-267.

Holotype ♀: Adapazari, 12.5.1964, leg. Warncke.

Paratypes: 9 ♀ 10 ♂ ♂ [9 ♀ 10 ♂ ♂].

Etymology: *Oenanthe monacha* (Hooded Wheatear, Kappensteinschmätzer).

*Andrena monilia* WARNCKE 1967. EOS, Madrid 43: 222-223.

Holotype ♀: Montarco, 10.5.1933, leg. Dusmet.

Paratypes: 4 ♀ 1 ♂ [3 ♀ 1 ♂].

*Andrena montana* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 33-35.

Holotype ♀: Bozen, Italien, leg. Schmiedeknecht.

Paratypes: [8 ♀ 3 ♂ ♂].

*Andrena montarca* WARNCKE 1975. EOS, Madrid 49[1973]: 304-305.

Holotype ♀: Montarco, Madrid, 29.4.1905, leg. Dusmet.

Paratypes: [10 ♀ 15 ♂ ♂].

*Andrena montarca* ssp. *andina* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 16, 45.

Holotype ♂: Tamlalet el Djedid, östlich Marrakesch, Marokko, 7.4.1923, leg. Schulthess.

Paratypes: [4 ♂ ♂].

*Andrena montarca* ssp. *parva* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 16, 45.

Holotype ♀: Gafsa, Tunesien, 17.3..

Paratypes: [1 ♀ 3 ♂ ♂].

- Andrena morinella* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 107.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena morinella* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 80.  
Holotype ♀: Sertavul, 31.5.1967, leg. Gusenleitner.  
Paratypes: [1 ♂].  
Etymology: *Charadrius morinellus* (Dotterel, Mornellregenpfeifer).
- Andrena mucronata* ssp. *albida* WARNCKE 1967. EOS, Madrid 43: 228.  
Holotype ♂: Tunis.  
Paratypes: 7 ♀ ♀ 2 ♂ ♂ [5 ♀ ♀ 2 ♂ ♂].
- Andrena murana* WARNCKE 1967. EOS, Madrid 43: 243-244.  
Holotype ♀: Albarracin, 5.6.1925 [Spanien].  
Paratypes: 11 ♀ ♀ 5 ♂ ♂ [8 ♀ ♀ 5 ♂ ♂].
- Andrena muscaria* WARNCKE 1965. Beitr. Ent., Berlin 15: 48-49.  
Holotype ♀: Delphi, 11.4.1963, leg. Warncke.  
Paratypes: 7 ♀ ♀ [4 ♀ ♀].
- Andrena najadana* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 114.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena najadana* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 84.  
Holotype ♂: Akseki, 25.4.1973, leg. Warncke.  
Paratypes: [4 ♀ ♀ 10 ♂ ♂].
- Andrena nasuta* ssp. *umbrosa* WARNCKE 1967. EOS, Madrid 43: 213-214.  
Holotype ♀: Konya, Türkei, 15.6.1965, leg. Schwarz.  
Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].
- Andrena nebularia* WARNCKE 1975. EOS, Madrid 49[1973]: 301-303.  
Holotype ♀: Madrid, Madrid, 10.4.1904, leg. Dusmet.  
Paratypes: [17 ♀ ♀ 17 ♂ ♂].  
Etymology: *Tringa nebularia* (Greenshank, Grünschenkel).
- Andrena nigriceps* ssp. *comata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 116.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena nigriceps* ssp. *comata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 101.  
Holotype ♀: İkizdere, südl. Rize, 31.8.1973, leg. Warncke.  
Paratypes: [12 ♀ ♀ 2 ♂ ♂].
- Andrena nilotica* WARNCKE 1967. EOS, Madrid 43: 234.  
Holotype ♀: Orihuela, Arneva, 6.1935, leg. Andréu.  
Paratypes: 6 ♀ ♀ 4 ♂ ♂ [4 ♀ ♀ 4 ♂ ♂].  
Etymology: *Gelochelidon nilotica* (Gull-billed Tern, Lachseeschwalbe).
- Andrena nisoria* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 388, 407.  
Holotype ♀: Jericho, 20.-28.4.27, leg. Enslin [coll. Kraus, Nürnberg].  
Paratypes: 11 ♀ ♀ 5 ♂ ♂ [5 ♀ ♀ 3 ♂ ♂].  
Etymology: *Sylvia nisoria* (Barred Warbler, Sperbergrasmücke).

*Andrena nitida* ssp. *hispaniola* WARNCKE 1967. EOS, Madrid 43: 277.

Nom. nov. pro *Andrena hispanica* ALFKEN 1927, nec *Andrena nigriceps* var. *hispanica* FRIESE 1922.

*Andrena niveata* ssp. *bubulca* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena niveata* ssp. *bubulca* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 49-50.

Holotype ♀: Erzurum, 31.5.1971, leg. Özbek.

Paratypes: [8 ♀ ♀ 6 ♂ ♂].

Etymology: *Bubulcus ibis* (Cattle Egret, Kuhreiher).

*Andrena niveata* ssp. *haloga* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 72, 85.

Holotype ♀: Lecce, Süd-Italien, 19.4.1963, leg. Warncke.

Paratypes: [14 ♀ ♀ 10 ♂ ♂].

*Andrena niveata* ssp. *lecana* WARNCKE 1975. EOS, Madrid 49[1973]: 298.

Holotype ♀: Ribas, Madrid, 6.5.1908, leg. Dusmet.

Paratypes: [11 ♀ ♀ 12 ♂ ♂].

*Andrena nubica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 114.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena nubica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 89-90.

Holotype ♀: Şereflikoçhisar, 24.5.1972, leg. Warncke.

Paratypes: [10 ♀ ♀ 11 ♂ ♂].

Etymology: *Lanius nubicus* (Masked Shrike, Maskenwürger).

*Andrena nucleola* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 34.

Holotype ♀: Trikkala, Griechenland, 18.4.62, leg. Warncke.

Paratypes: [3 ♀ ♀].

*Andrena numida* ssp. *albiscopa* WARNCKE 1967. EOS, Madrid 43: 236.

Holotype ♂: Sarayönü, Konya, 10.5.1964, leg. Warncke.

Paratypes: 3 ♀ ♀ 2 ♂ ♂ [4 ♀ ♀ 1 ♂].

Discussion: The number of paratypes differs from the published data.

*Andrena obliata* WARNCKE 1967. EOS, Madrid 43: 246.

Holotype ♀: Antonimina, Calabrien, leg. Paganetti.

Paratypes: 1 ♀ 2 ♂ ♂ [1 ♀ 2 ♂ ♂].

*Andrena obscurida* WARNCKE 1970. Nachrichtenbl. bayer. Ent., München 19: 30.

Nom. nov. pro *Trachandrena obscura* ROBERTSON 1902, nec *Apis obscura* LINNÉ 1764.

*Andrena obsoleta* ssp. *spongiosa* WARNCKE 1967. EOS, Madrid 43: 212.

Nom. nov. pro *Andrena distinguenda* SCHENCK 1871.

*Andrena ochropa* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 4, 27.

Holotype ♀: Cyrene, Cyrenaika, 29.3., leg. Krüger.

Paratypes: [5 ♀ ♀ 1 ♂].

Etymology: *Tringa ochropus* (Green Sandpiper, Waldwasserläufer).

*Andrena ocreata* ssp. *cyprisina* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 107.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena ocreata* ssp. *cyprisina* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 78.

Holotype ♀: Limassol, 8.3.1959, leg. Mavromoustakis.

Paratypes: [4 ♀ ♀ 1 ♂].

*Andrena oedicea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena oedicea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 55-56.

Holotype ♀: Nevşehir, 22.5.1972, leg. Warncke.

Paratypes: [3 ♀ ♀].

Etymology: *Burhinus oediceus* (Stone-Curlew, Triel).

*Andrena oenas* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena oenas* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 48.

Holotype ♀: Konya, 11.6.1971, leg. Warncke.

Paratypes: [11 ♀ ♀ 10 ♂ ♂].

Etymology: *Columba oenas* (Stock Dove, Hohltaube).

*Andrena orana* WARNCKE 1975. EOS, Madrid 49[1973]: 300-301.

Holotype ♀: La Stidia, Oran, Algerien, 3.4.1960, leg. Barbier.

Paratypes: [1 ♀ 4 ♂ ♂].

*Andrena orbitalis* ssp. *tangana* WARNCKE 1967. EOS, Madrid 43: 220-221.

Holotype ♂: Hispania.

Paratypes: 3 ♀ ♀ 4 ♂ ♂ [3 ♀ ♀ 4 ♂ ♂].

*Andrena oulaskii* ssp. *afrata* WARNCKE 1967. EOS, Madrid 43: 226-227.

Holotype ♀: Cyrenaika, Mars el Brega, 8.-11.2.1942, leg. Kirchberg.

Paratype: 1 ♂ [1 ♂].

*Andrena oulaskii* ssp. *roseotincta* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 92.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena oulaskii* ssp. *roseotincta* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 42-43.

Holotype ♀: Haft Tepe südöstlich Shush, Iran, 22. und 24.3.1956, leg. Richter und Schäufler.

Paratypes: [2 ♀ ♀ 1 ♂].

*Andrena oulaskii* ssp. *rubicunda* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 91.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena oulaskii* ssp. *rubicunda* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 42-43.

Holotype ♀: Yeşilhisar, 23.5.1972, leg. Warncke.

Paratypes: [5 ♀ ♀ 1 ♂].

*Andrena ounifa* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 8, 34.

Holotype ♂: Beni Ounif, 6.3., leg. Weber.

Paratypes: [2♂♂].

*Andrena oxyura* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 93.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena paganettina* WARNCKE 1965. Beitr. Ent., Berlin 15: 64.

Holotype ♀: Trikala, 21.4.1962, leg. Warncke.

Paratypes: 5♀♀ [5♀♀].

*Andrena pagophila* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 101.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena pagophila* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 69-70.

Holotype ♂: Sarayönü, 10.5.1964, leg. Warncke.

Paratypes: [17♀♀ 14♂♂].

Etymology: *Pagophila* (Ivory Gull, Elfenbeinmöve).

*Andrena palumba* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 23, 47.

Holotype ♀: Sfax, Tunesien, VII.

Paratypes: [2♀♀].

Etymology: *Columba palumbus* (Woodpigeon, Ringeltaube).

*Andrena pandellei* ssp. *europaea* WARNCKE 1967. EOS, Madrid 43: 215.

Holotype ♀: Erlangen, 19.6.1938, leg. Stöckert.

*Andrena pandosa* WARNCKE 1968. Notul. ent., Helsingfors 48: 72-73.

Holotype ♀: Algerien, Tiaret.

Paratypes: 14♀♀ 1♂ [3♀♀].

*Andrena pandosa* ssp. *excelsa* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 14, 41.

Holotype ♂: Bengasi, Cyrenaika, 3.1926, leg. Krüger.

Paratypes: [2♀♀ 2♂♂].

*Andrena pandosa* ssp. *graciosa* WARNCKE 1992. in: F. LA ROCHE BRIER. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna pp. 507-509.

Discussion: Nomen nudum, because in this investigation a description is missing. Additionally this work is the unpublished thesis of LA ROCHE BRIER, the new names included are therefore not available (cf. introduction of the present list).

*Andrena pandosa* ssp. *graciosa* WARNCKE 1993. Veröff. Übersee-Mus. Bremen (Naturwiss.) 12: 762.

Holotype ♀: Ins. Graciosa, pr. Lanzarote, 20.3.49, Lindberg.

Paratypes: 21♀♀ 27♂♂ [5♀♀ 6♂♂].

*Andrena pandosa* ssp. *heliaca* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 14, 41.

Holotype ♀: Marrakesch, Marokko, 4.1907, leg. Escalera.

Paratypes: [2♀♀ 5♂♂].

Etymology: *Aquila heliaca* (Imperial Eagle, Kaiseradler).

- Andrena pandosa* ssp. *trigona* WARNCKE 1968. Notul. ent., Helsingfors 48: 73.  
Holotype ♀: Sta. Creu Olorde, Catalonia, 5.1933, leg. Esp. i. Vil..  
Paratypes: 4 ♀ ♀ 6 ♂ ♂ [2 ♀ ♀ 4 ♂ ♂].
- Andrena paradisaea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 87.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena paradisaea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 40.  
Holotype ♀: Birecik, 2.4.1969, leg. Warncke.  
Paratypes: [2 ♀ ♀].  
Etymology: *Sterna paradisaea* (Arctic Tern, Küstenseeschwalbe).
- Andrena passerina* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 15, 43.  
Holotype ♂: Tiaret, Algerien.  
Paratypes: [3 ♀ ♀ 1 ♂].
- Andrena paucisquama* ssp. *curonica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 85.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena paucisquama* ssp. *curonica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 35.  
Holotype ♀: Ankara, 3.6.1972, leg. Warncke.  
Paratypes: [4 ♀ ♀ 4 ♂ ♂].
- Andrena pavonia* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 16, 45.  
Holotype ♀: Biskra, Algerien, 6.4.1914, leg. Heymons.  
Paratypes: [1 ♀].
- Andrena pellucida* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 15, 44-45.  
Holotype ♀: Burg el Arab, Ägypten, 19.10.1933.  
Paratypes: [1 ♀].
- Andrena pela* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 7, 31-33.  
Holotype ♂: Casablanca, Marokko, 22.3.1961, leg. Lindberg.  
Paratypes: [5 ♀ ♀ 1 ♂].
- Andrena pelopa* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 62-64.  
Holotype ♂: Chelmos, Peleponnes, 2.6.1962, leg. Schwarz.  
Paratypes: [4 ♀ ♀].
- Andrena petrosa* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 11-12, 37.  
Holotype ♂: Tiaret, Algerien.  
Paratypes: [4 ♀ ♀ 5 ♂ ♂].  
Etymology: *Anthus petrosus* (Rock Pipit, Strandpieper).
- Andrena phoenicura* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 107.  
Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena phoenicura* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 80-81.  
Holotype ♂: Sertavul, 6.6.1971, leg. Warncke.  
Paratypes: [7 ♀ ♀ 6 ♂ ♂].  
Etymology: *Phoenicurus* (Redstart, Rotschwanz).



*Andrena pinkeunia* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 380, 396-397.

Holotype ♂: Qiryat Anawim, leg. Bodenheimer.

Paratypes: [1 ♀ 1 ♂].

Etymology: The very young Jochen Warncke called the lamps standing at the side of the streets "pinkeun".

*Andrena platalea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 85.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena platalea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 32-33.

Holotype ♂: Ulukışla, 29.5.1972, leg. Warncke.

Paratypes: [5 ♀ 2 ♂ ♂]

Etymology: *Platalea* (Spoonbill, Löffler).

*Andrena pontica* WARNCKE 1972. Nachrichtenbl. bayer. Ent., München 21: 124-127.

Holotype ♂: Erdöbénye, Ungarn, 21.6.1882.

Paratypes: [9 ♀ 5 ♂ ♂].

*Andrena poupillieri* ssp. *incana* WARNCKE 1975. EOS, Madrid 49[1973]: 310-311.

Holotype ♀: Son Servera, Mallorca, 14.5.1960, leg. Rebmann.

Paratypes: 5 ♀ 2 ♂ ♂.

Discussion: The number of paratypes differs from the published data.

*Andrena pratincola* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 15, 43.

Holotype ♀: İkingi Mariout, 18.3.1935, leg. Wittmer.

Paratypes: [2 ♂ ♂].

Etymology: *Glareola pratincola* (Collared Pratincole, Rotflügel-Brachwalbe).

*Andrena probata* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 20, 29-30, 34.

Holotype ♂: Chelmos, Peloponnes, 2.6.62, 1900 m, leg. Schwarz.

Paratypes: [4 ♀ 3 ♂ ♂].

*Andrena proxima* ssp. *ampla* WARNCKE 1967. EOS, Madrid 43: 229.

Holotype ♀: Alberche, 5.1908, leg. Arias.

Paratypes: 5 ♀ 4 ♂ ♂ [6 ♀ 4 ♂ ♂].

Discussion: The number of paratypes differs from the published data: in the collection there are two female specimens from "Sierra di Guadarrama", whereas Warncke mentioned only a single female specimen from this locality.

*Andrena proxima* ssp. *bernicla* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena proxima* ssp. *bernicla* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 50.

Holotype ♂: Ankara, 21.5.1972, leg. Warncke [Türkei, Serefliköşisar, 17.5.1970, leg. Kl. Warncke].

Paratypes: [2 ♀ 8 ♂ ♂].

Etymology: *Branta bernicla* (Brent Goose, Ringelgans).

Discussion: The label of the holotype disagrees with the published data. One female and seven male paratypes are bearing labels with the locality Ankara.

*Andrena pruinosa* ssp. *parata* WARNCKE 1967. EOS, Madrid 43: 233.

Holotype ♂: Alicante, leg. Mercet.

Paratypes: 3 ♀ ♀ 2 ♂ ♂ [3 ♀ ♀ 2 ♂ ♂].

*Andrena prunella* WARNCKE 1974. Acta Mus. mor. Sci. nat., Brno 58[1973]: 162, 166-167.

Holotype ♀: Darunta, 580 m, 13.3.1966, leg. Povolny & Tenora, P.T. 32 [coll. Moravian Land Museum, Brno].

Paratypes: 5 ♀ ♀ 1 ♂ [1 ♀ 1 ♂].

Etymology: *Prunella* (Accentor, Braunelle).

*Andrena puffina* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena puffina* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 51.

Holotype ♀: Ankara, 21.5.1972, leg. Warncke.

Paratypes: [8 ♀ ♀].

Etymology: *Puffinus* (Shearwater, Sturmtaucher).

*Andrena pulicaria* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 100.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena pulicaria* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 68-69.

Holotype ♀: Ürgüp, 23.5.1972, leg. Warncke.

Paratypes: [22 ♀ ♀ 1 ♂].

*Andrena purpurascens* ssp. *cana* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 13, 39.

Holotype ♀: Bengasi, Cyrenaika, 25.1., leg. Krüger.

Paratypes: [3 ♀ ♀ 4 ♂ ♂].

*Andrena querquedula* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 99.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena querquedula* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 86-87.

Holotype ♀: Akseki, Taurus, 25.4.1973, leg. Warncke.

Paratypes: [33 ♀ ♀ 40 ♂].

Etymology: *Anas querquedula* (Garganey, Knäkente).

*Andrena quinquepalpa* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 80, 86-87.

Holotype ♀: Kairouan, Tunesien, 3.1897.

Paratypes: [2 ♀ ♀ 1 ♂].

*Andrena recurvirostra* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 115.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena recurvirostra* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 90-92.

Holotype ♀: Beyşehir, 4.-6.6.1964, leg. Gusenleimer.

Paratypes: [2 ♀ ♀ 6 ♂ ♂].

Etymology: *Recurvirostra* (Avocet, Säbelschnäbler).

*Andrena relata* WARNCKE 1967. EOS, Madrid 43: 242-243.

Holotype ♀: Albarracin, 5.6.1925.

Paratypes: 11 ♀ ♀ 3 ♂ ♂ [10 ♀ ♀ 3 ♂ ♂].

*Andrena rhyssonota* ssp. *flava* WARNCKE 1967. EOS, Madrid 43: 216-217.

Holotype ♂: Barcelona, Spanien.

Paratypes: 3 ♀ 16 ♂ [3 ♀ 10 ♂].

*Andrena robusta* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 110.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena robusta* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 84-85.

Holotype ♀: Mte. Profeta Elia, Rhodos, 10.-12.5.1935, leg. Wettstein.

Paratypes: [3 ♀].

*Andrena rotundata* ssp. *diomedia* WARNCKE 1975. Ent. Z., Stuttgart 85: 134-135.

Holotype ♂: Mte. Petrosa, Scala di Giocca, Sardinien, 31.3.1955, leg. Bülow.

Paratypes: [2 ♀ 1 ♂].

Etymology: *Calonectris diomedia* (Cory's Shearwater, Gelbschnabel-Sturmtaucher).

*Andrena rotundilabris* ssp. *rila* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 384, 404.

Holotype ♀: Allonim, 17.3., Bytinski-Salz.

Paratypes: 2 ♀ 1 ♂ [1 ♀ 1 ♂].

*Andrena rubecula* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 14, 40-41.

Holotype ♀: Meadi, Ägypten, 20.2.1931, leg. Priesner.

Paratypes: [9 ♀ 3 ♂].

Etymology: *Erithacus rubecula* (Robin, Rotkehlchen).

*Andrena rufiventris* ssp. *sahariensis* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 5, 28.

Holotype ♀: Laghouat, Südalgerien, 3.-4.1929, leg. Meyer.

Paratypes: [5 ♀ 4 ♂].

*Andrena rufotibialis* ssp. *limosa* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 392-393, 408.

Holotype ♀: Konya, Turkey, 15.6.65, leg. Schwarz.

Paratypes: 6 ♀ 12 ♂ [7 ♀ 10 ♂].

Etymology: *Limosa limosa* (Godwit, Uferschnepfe).

Discussion: The number of female paratypes disagrees with the published data. The holotype bears the identification label "*Andrena rufitibialis limosa*".

*Andrena rufomaculata* ssp. *optata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 91.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena rufomaculata* ssp. *optata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 42.

Holotype ♀: Lamia, Griechenland, 15.4.1963, leg. Warncke.

Paratypes: [15 ♀ 10 ♂].

*Andrena rugothorace* WARNCKE 1965. Beitr. Ent., Berlin 15: 65.

Holotype ♀: Lamia, 15.4.1963, leg. Warncke.

Paratype: 45 ♀ 12 ♂ [21 ♀ 12 ♂].

Discussion: In the original description Warncke called this species *A. rugothorace*.

The specific name is an adjective in nominative singular, the termination erroneously applied by Warncke is neuter. The correct gender of the termination is feminine (*Andrena rugothoracis*).

*Andrena rugothorace* ssp. *pelagica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 52.

Holotype ♀: Knossos, 21.5.1963, leg. Schwarz.

Paratypes: [8 ♀ ♀].

Etymology: *Hydrobates pelagicus* (Storm Petrel, Sturmschwalbe).

Discussion: For the correct termination of the specific name cf. *Andrena rugothorace* (*A. rugothoracis* ssp. *pelagica*).

*Andrena rusticola* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 86.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena rusticola* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 37-38.

Holotype ♀: Islahiye, Amanusgebirge, 19.4.1966.

Etymology: *Falco rusticolus* (Gyr Falcon, Gerfalke).

*Andrena saettana* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 82.

Holotype ♀: Saëttas, Zypern, 2.5.1961, leg. Mavromoustakis.

Paratypes: [2 ♀ ♀ 6 ♂ ♂].

Discussion: The taxon was originally called *Andrena truncatilabris* ssp. *saettana*. The usage of diacritic marks is forbidden by Article 27 ICZN 1985, therefore the name has to be corrected to *A. saettana*.

*Andrena sandanskia* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 32-33.

Holotype ♂: Sandanski, Bulgarien, 1.-8.6.67, leg. Kocourek.

Paratypes: [2 ♀ ♀ 6 ♂ ♂].

*Andrena saturata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 86.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena saturata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 37.

Holotype ♀: Side, 4.4.1972, leg. Warncke.

Paratypes: [16 ♀ ♀ 12 ♂ ♂].

Etymology: *Cuculus saturatus* (Oriental Cuckoo, Hopfkuckuck).

*Andrena schmiedeknechti* ssp. *flavopilis* WARNCKE 1965. Beitr. Ent., Berlin 15: 35.

Holotype ♀: Delphi, 11.4.1963, leg. Warncke.

Paratypes: 46 ♀ ♀ 11 ♂ ♂ [18 ♀ ♀ 11 ♂ ♂].

*Andrena schmiedeknechti* ssp. *nigrorum* WARNCKE 1967. EOS, Madrid 43: 224.

Holotype ♀: Maison Carrée, Alger, 16.3.1910, leg. Bequaert.

Paratypes: 3 ♀ ♀ [3 ♀ ♀].

*Andrena schulzi* ssp. *alba* WARNCKE 1967. EOS, Madrid 43: 230-231.

Holotype ♂: Lamia, Griechenland, 15.4.1963, leg. Warncke.

*Andrena schwarzi* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 99.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena schwarzi* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 64-66.

Holotype ♀: Sarepta, Ukraine, leg. Becker.

Paratypes: [8 ♀ ♀ 1 ♂].

*Andrena sedentaria* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 95.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena sedemaria* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 95-96.

Holotype ♀: Ararat, 15.6.1973, leg. Warncke.

Paratypes: [10 ♀ ♀ 3 ♂ ♂].

*Andrena serraticornis* WARNCKE 1965. Beitr. Ent., Berlin 15: 36-37.

Holotype ♀: Trikala, 19.4.1962, leg. Warncke.

Paratypes: 1 ♀ 4 ♂ ♂ [1 ♀ 3 ♂ ♂].

*Andrena siciliana* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 81-82.

Holotype ♀: Sicilia, 1858, leg. Mann.

Paratype: 1 ♀ [1 ♀].

*Andrena sillata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 97.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena sillata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 53-54.

Holotype ♀: Akseki, 1300 m, 25.4.1973, leg. Warncke.

Paratypes: [9 ♀ ♀ 5 ♂ ♂].

*Andrena sillata* ssp. *histrionica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 97.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena sillata* ssp. *histrionica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 54.

Holotype ♀: Ankara, 21.5.1972, leg. Warncke.

Paratypes: [13 ♀ ♀ 5 ♂ ♂].

Etymology: *Histrionicus histrionicus* (Harlequin Duck, Kragenente).

*Andrena signata* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 12, 38-39.

Holotype ♂: Guyotville, Algier, 18.2.1910, leg. Bequaert.

Paratypes: [1 ♀ 1 ♂].

*Andrena simillima* ssp. *sischkai* WARNCKE 1988. Linzer biol. Beitr. 20: 102.

Holotype ♀: Olymp, Griechenland, 18.8.78, 2000 m, leg. Warncke.

Paratypes: 6 ♀ ♀ 4 ♂ ♂ [6 ♀ ♀ 4 ♂ ♂].

Etymology: *A. simillima* ssp. *sischkai* is named in honor of Norbert Sischka (Heidenheim, Germany), a fellow student and long standing friend of Warncke.

*Andrena simontornyella* ssp. *adiana* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 12, 38.

Holotype ♀: Tanger, Marokko.

Paratypes: [2 ♀ ♀].

*Andrena simuata* ssp. *damara* WARNCKE 1968. Notul. ent., Helsingfors 48: 66.

Holotype ♀: Lanzarote El Rio, 25.2.1935.

Paratypes: 18 ♀ ♀ 7 ♂ ♂ [11 ♀ ♀ 7 ♂ ♂].

Discussion: The type specimens are labelled "*Andrena sagittaria* ssp. *damara*".

*Andrena simuata* ssp. *sagittaria* WARNCKE 1968. Notul. ent., Helsingfors 48: 65-66.

Holotype ♀: Teneriffa, Los Calderones, 16.4.1933.

Paratypes: 6 ♀ ♀ 2 ♂ ♂ [5 ♀ ♀ 2 ♂ ♂].

*Andrena sobrina* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 93.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena sobrina* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 45-46.

Holotype ♀: Ürgüp, 23.5.1972, leg. Warncke.

Paratypes: [11 ♀ ♀ 1 ♂].

*Andrena solitaria* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 107.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena solitaria* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 81.

Holotype ♂: Tafta, Erzurum, 5.7.1970, leg. Özbek.

Paratypes: 1 ♂.

Etymology: *Monticola solitarius* (Blue Rock Thrush, Blaumerle).

*Andrena soror* ssp. *anatoliae* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 106.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena soror* ssp. *anatoliae* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 77.

Holotype ♀: Konya, 3.6.1964, leg. Gusenleitner.

Paratypes: [1 ♀].

*Andrena soror* ssp. *lophura* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 106.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena soror* ssp. *lophura* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 77.

Holotype ♀: Ispir, Erzurum, 17.6.1973, leg. Warncke.

Paratypes: [6 ♀ ♀ 5 ♂ ♂].

Etymology: *Lophura* (Gallopheasant, Feuerrückenfasan).

*Andrena spinaria* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 5, 28.

Holotype ♂: Ikingi Mariout, Ägypten, 16.3.1935, leg. Wittmer.

Paratypes: [2 ♀ ♀].

Discussion: WARNCKE erroneously called this taxon *A. spinaris* on page 29 in figure 1 of the original publication.

*Andrena spolata* WARNCKE 1968. Notul. ent., Helsingfors 48: 74-75.

Holotype ♀: Teneriffa, Tahodio, 15.4.1921.

Paratypes: 25 ♀ ♀ 9 ♂ ♂ [15 ♀ ♀ 8 ♂ ♂].

*Andrena spreta* ssp. *povolnyi* WARNCKE 1974. Acta Mus. mor. Sci. nat., Brno 58[1973]: 163, 167.

Holotype ♀: Laghman, 860 m, 10.3.1966, leg. Povolny & Tenora, P.T. 30 [coll. Moravian Land Museum, Brno].

Paratypes: 109 ♀ ♀ 23 ♂ ♂ [3 ♀ ♀ 4 ♂ ♂].

*Andrena spreta* ssp. *scirpacea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena spreta* ssp. *scirpacea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 52.

Holotype ♀: Adana, 25.3.1967, leg. Warncke.

Paratypes: [17 ♀ ♀ 20 ♂ ♂].

Etymology: *Acrocephalus scirpaceus* (Reed Warbler, Teichrohrsänger).

*Andrena stellaris* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 259-260.

Holotype ♀: Aksaray, 3.6.1964, leg. Gusenleitner.

Paratypes: 4 ♀ ♀ [3 ♀ ♀].

Etymology: *Botaurus stellaris* (Bittern, Rohrdommel).

*Andrena stolidia* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena stolidia* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 51.

Holotype ♀: Ankara, 21.5.1972, leg. Warncke.

Paratypes: [11 ♀ ♀ 6 ♂ ♂].

Etymology: *Anous stolidus* (Brown Noddy, Noddyseeschwalbe).

*Andrena strepera* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 97.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena strepera* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 53.

Holotype ♀: Erzurum, 8.6.1971, leg. Özbek.

Paratypes: [5 ♀ ♀ 1 ♂].

Etymology: *Anas strepera* (Gadwall, Schnatterente).

*Andrena tadorna* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 7,33.

Holotype ♀: Kairouan, Tunesien, 30.4.1913.

Paratypes: [3 ♀ ♀].

Etymology: *Tadorna tadorna* (Shelduck, Brandgans).

*Andrena tadorna* ssp. *assaka* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 83.

Holotype ♀: 3 km NE Foun Assaka, südlich Ifni, S-Marokko, 17.3.1971 [S Marokko, Qued Chebeika, 50 km SW Tantan, 6.3.1971, Nezadal].

Paratype: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].

Discussion: The type locality published by WARNCKE disagrees with the label of the holotype. Obviously WARNCKE confused the published type locality with the label of a paratype.

*Andrena taprobana* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 96.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena taprobana* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 48-49.

Holotype ♀: Gürün, 30.5.-4.6.1972, leg. Heinrich.

Paratypes: [1 ♀].

*Andrena taraxaci* ssp. *orientana* WARNCKE 1965. Beitr. Ent., Berlin 15: 38.

Holotype ♂: Rhodos, leg. Loew.

Paratypes: 15 ♀ ♀ 10 ♂ ♂ [8 ♀ ♀ 1 ♂].

*Andrena taxana* WARNCKE 1975. EOS, Madrid 49[1973]: 308-309.

Holotype ♀: Montarco, Madrid, 6.5.1912, leg. Dusmet.

Paratypes: [5 ♀ ♀ 4 ♂ ♂].

*Andrena tenuicula* ssp. *lamiana* WARNCKE 1965. Beitr. Ent., Berlin 15: 68.

Holotype ♂: Larisa, 22.4.1962, leg. Warncke.

Paratypes: 5 ♀ ♀ 11 ♂ ♂ [5 ♀ ♀ 11 ♂ ♂].

*Andrena testacea* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena testacea* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 56-57.

Holotype ♀: Jericho, Israel, 20.-28.4.1927, leg. Enslin [coll. Kraus, Nürnberg].

Paratypes: [1 ♀ 8 ♂ ♂].

*Andrena tiiaretta* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 12, 38.

Holotype ♂: Tiaret, Algerien.

Paratypes: [14 ♀ ♀ 15 ♂ ♂].

*Andrena tibialis* ssp. *concreta* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 94.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena tibialis* ssp. *concreta* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 46.

Holotype ♂: Akseki, Taurus, 1300 m, 25.4.1973, leg. Warncke.

Paratypes: [5 ♂ ♂].

*Andrena tibialis* ssp. *corvina* WARNCKE 1967. EOS, Madrid 43: 230.

Holotype ♀: Aranjuez, leg. Mercet.

Paratypes: 3 ♂ ♂ [3 ♂ ♂].

*Andrena tibialis* ssp. *porzana* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 94.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena tibialis* ssp. *porzana* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 46.

Holotype ♀: Yeşilhisar, 23.5.1972, leg. Warncke.

Paratypes: [5 ♀ ♀ 3 ♂ ♂].

Etymology: *Porzana porzana* (Spotted Crake, Tüpfelsumpfhuhn).

*Andrena tomora* WARNCKE 1965. Beitr. Ent., Berlin 15: 70.

Discussion: Nomen nudum, because in this publication a description is missing. WARNCKE announced a description to follow in his paper on the fauna of Albania (WARNCKE 1966. Beitr. Ent., Berlin 16(3/4): 389-405). In that publication "*A. tomora* WARNCKE 1965, in litt." is listed as a synonym of *A. djelfensis* PÉREZ, 1895.

*Andrena tomora* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena tomora* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 58.

Holotype ♀: Gürün, 4.6.1970, leg. Gusenleitner.

Paratypes: [13 ♀ ♀ 1 ♂].



*Andrena torda* WARNCKE 1965. Mitt. Münchner ent. Ges. 55: 268-269.

Holotype ♂: Sarayönü b. Konya, 10.5.1964, leg. Warncke.

Paratypes: 2♀ 2♂♂ [2♀ 2♂♂].

Etymology: *Alca torda* (Razobill, Tordalk).

*Andrena totana* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 14, 42-43.

Holotype ♂: Tiaret, Algerien.

Paratypes: [7♀ 10♂♂]

Etymology: *Tringa totanus* (Redshank, Rotschenkel).

*Andrena trikalensis* WARNCKE 1965. Beitr. Ent., Berlin 15: 55.

Holotype ♂: Trikala, 17.4.1962, leg. Warncke.

Paratypes: 1♀ 2♂♂ [1♀ 1♂].

*Andrena tringa* WARNCKE 1973. Mitt. zool. Mus., Berlin 49(1): 22, 30.

Holotype ♀: Sarayönü bei Konya, 10.5.64, leg. Warncke.

Paratypes: [11♀ 7♂♂]

Etymology: *Tringa* (Sandpiper, Wasserläufer).

*Andrena troodica* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 108.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena troodica* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 82-83.

Holotype ♀: Amanusgebirge, 7.4.1971, leg. Warncke [Hatay].

Paratypes: [9♀ 11♂♂].

*Andrena truncatilabris* ssp. *española* WARNCKE 1967. EOS, Madrid 43: 224.

Holotype ♀: Granada, 6.1891, leg. Handlirsch [Sierra Nevada].

Paratypes: 4♀ 4♂♂ [4♀ 4♂♂].

Discussion: WARNCKE published this name as *Andrena truncatilabris* ssp. *española*. The usage of diacritic marks is forbidden by Article 27 ICZN, 1985. The name has to be corrected to *espanola*.

*Andrena truncatilabris* ssp. *nigropilosa* WARNCKE 1967. EOS, Madrid 43: 225.

Holotype ♀: Laghouat, S. Algerien, 3.-4.1929, leg. Meyer.

Paratypes: 5♀ 6♂♂ [5♀ 6♂♂].

*Andrena ischeki* ssp. *tritica* WARNCKE 1965. Beitr. Ent., Berlin 15: 36.

Holotype ♀: Igoumenitsa, 6.4.1963, leg. Warncke [Graecia, Lamia, 15. April 1963, leg. Kl. Warncke].

Paratypes: 28♀ 2♂♂ [4♀].

Discussion: The label of the holotype disagrees with the published data, but in the collection there are paratypes from the locality Igoumenitsa.

*Andrena tunetana* ssp. *emigrata* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 26, 51.

Holotype ♀: Biskra, Algerien, 6.4.1914, leg. Heymons.

Paratypes: [1♀].

*Andrena tunetana* ssp. *medioxima* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 116.

Discussion: Nomen nudum, because in this publication a description is missing.

- Andrena tunetana* ssp. *medioxima* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 92.  
 Holotype ♀: Nevşehir, 22.5.1972, leg. Warncke.  
 Paratypes: [20 ♀ ♀ 9 ♂ ♂].
- Andrena tunetana* ssp. *sculpturata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 116.  
 Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena tunetana* ssp. *sculpturata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 92.  
 Holotype ♀: Birecik, 17.-19.5.1972, leg. Heinrich.  
 Paratypes: [8 ♀ ♀].
- Andrena turkestanica* WARNCKE 1967. EOS, Madrid 43: 200.  
 Nom. nov. pro *Andrena ashabadensis* FRIESE 1922, nec RADOSZKOVSKI 1893.
- Andrena ulula* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 384, 404.  
 Holotype ♀: Tel Aviv [~~Ramleh~~, Israel].  
 Paratypes: 9 ♀ ♀ 1 ♂ [3 ♀ ♀ 2 ♂ ♂].  
 Etymology: *Surnia ulula* (Hawk Owl, Spurbereule).  
 Discussion: The label of the holotype shows the name of Ramleh crossed out, in the original description WARNCKE mentions Tel Aviv as the type locality. The number of male paratypes disagrees with the published data.
- Andrena uncinata* ssp. *westensis* WARNCKE 1965. Beitr. Ent., Berlin 15: 47.  
 Holotype ♀: Delphi, 11.4.1963, leg. Warncke.  
 Paratypes: 4 ♀ ♀ 14 ♂ ♂ [4 ♀ ♀ 6 ♂ ♂].
- Andrena urdula* WARNCKE 1965. Beitr. Ent., Berlin 15: 41-42.  
 Holotype ♀: Larisa, 20.4.1962, leg. Warncke.
- Andrena vacella* WARNCKE 1975. EOS, Madrid 49[1973]: 307-308.  
 Discussion: Warncke forgot to indicate the type series of *A. vacella* in the original description. He recovered this mistake and listed a "Holotypus: ♀ Montarco, 29.VI.1905 (leg. Dusmet)" in a later publication (WARNCKE 1976. EOS, Madrid 50: 223). This holotype designation, however, is not valid, because a holotype can only be designated in connection with the original publication. *Andrena vacella* is an available name, because it is accompanied by a description in WARNCKE (1975).
- Andrena varuga* WARNCKE 1975. EOS, Madrid 49[1973]: 312.  
 Holotype ♀: Orihuela, Alicante, leg. Dusmet.  
 Paratypes: [3 ♀ ♀ 5 ♂ ♂].
- Andrena varuga* ssp. *reperta* WARNCKE 1974. Mitt. zool. Mus., Berlin 50: 24, 48.  
 Holotype ♀: Tunis, leg. Schmiedeknecht.  
 Paratypes: [3 ♀ ♀].
- Andrena viridescens* ssp. *addenda* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 86.  
 Discussion: Nomen nudum, because in this publication a description is missing.
- Andrena viridescens* ssp. *addenda* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 38.  
 Holotype ♀: Istanbul, 9.4.1972, leg. Bytinski-Salz.  
 Paratypes: [1 ♀ 2 ♂ ♂].

*Andrena ventricosa* ssp. *ridibundus* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 88.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena ventricosa* ssp. *ridibundus* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 41.

Holotype ♀: Cherkas, Zypern, 11.3.1951, leg. Mavromoustakis.

Paratypes: [3 ♀ ♀ 2 ♂ ♂].

Etymology: *Larus ridibundus* (Black-headed Gull, Lachmöve).

Discussion: The termination of the latin adjective *ridibundus* has to be corrected to *ridibunda* according to the female gender of the genus name *Andrena*.

*Andrena virgata* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 98.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena virgata* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 100.

Holotype ♀: Ararat, 15.6.1973, leg. Warncke.

Paratypes: [9 ♀ ♀].

Etymology: *Accipiter virgatus* (Besra Sparrow-Hawk, Besrasperber).

*Andrena volka* WARNCKE 1969. Israel J. ent., Tel Aviv 4: 387, 405-406.

Holotype ♀: Adana, Turkey, 12.5..

Paratypes: 15 ♀ ♀ 9 ♂ ♂ [8 ♀ ♀ 8 ♂ ♂].

*Andrena vulcana* ssp. *ferina* WARNCKE 1968. Notul. ent., Helsingfors 48: 64-65.

Holotype ♀: Gran Canaria, Los Tilos, 5.5.1934.

Paratypes: 9 ♀ ♀ 4 ♂ ♂ [5 ♀ ♀ 1 ♂].

Etymology: *Aythya ferina* (Pochard, Tafelente).

*Andrena vulcana* ssp. *nyroca* WARNCKE 1968. Notul. ent., Helsingfors 48: 64-65.

Holotype ♀: Teneriffa, El Portillo, 28.5.1933.

Paratypes: 11 ♀ ♀ 14 ♂ ♂ [5 ♀ ♀ 6 ♂ ♂].

Etymology: *Aythya nyroca* (Ferruginous Duck, Moorente).

*Andrena vulcana* ssp. *zumboa* WARNCKE 1968. Notul. ent., Helsingfors 48: 64-65.

Holotype ♀: La Palma, La Dehesa, leg. Santos.

*Andrena wollastoni* ssp. *acuta* WARNCKE 1968. Notul. ent., Helsingfors 48: 77.

Holotype ♀: Teneriffa, Cruz del Carmen, 23.3.1906.

Paratypes: 18 ♀ ♀ 10 ♂ ♂ [7 ♀ ♀ 5 ♂ ♂].

Etymology: *Anas acuta* (Pintail, Spießente).

*Andrena wollastoni* ssp. *catula* WARNCKE 1968. Notul. ent., Helsingfors 48: 77.

Holotype ♀: Gran Canaria, Lagunova, 20.3.1928.

Paratypes: 5 ♀ ♀ 3 ♂ ♂ [2 ♀ ♀ 2 ♂ ♂].

*Andrena wollastoni* ssp. *gomerensis* WARNCKE 1992. in: F. LA ROCHE BRIER. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna pp. 543-544.

Discussion: Nomen nudum, because in this investigation a description is missing. Additionally this work is the unpublished thesis of La Roche Brier, the new names included are therefore not available (cf. introduction of the present list).

*Andrena wollastoni* ssp. *gomerensis* WARNCKE 1993. Veröff. Übersee-Mus. Bremen (Naturwiss.) 12: 762-763.

Holotype ♀: Gomera, Chipudes, 22.4.1942.

Paratypes: 9 ♀ ♀ 9 ♂ ♂ [3 ♀ ♀ 4 ♂ ♂].

*Andrena yelkouan* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 100.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena yelkouan* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 97-98.

Holotype ♀: Birecik, 17.5.1967, leg. Gusenleitner.

Paratypes: [5 ♀ ♀ 1 ♂].

Etymology: *Puffinus yelkouan* (Yelkouan Shearwater, Mittelmeer-Sturmvoegel).

*Andrena zosteræ* WARNCKE 1974. Mitt. Münchner ent. Ges. 64: 114.

Discussion: Nomen nudum, because in this publication a description is missing.

*Andrena zosteræ* WARNCKE 1975. Mitt. Münchner ent. Ges. 65: 99.

Holotype ♂: Diarbakir, 15.-16.4.1972.

Paratypes: [5 ♂ ♂].

*Anthidium abbasi* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 178.

Holotype ♂: Paß E Rudan, N Minab, Bandar Abbas in 570 m, 23.5.1978, an Centaurea spec., leg. Warncke.

Paratypes: 1 ♀ 4 ♂ ♂ [1 ♀ 4 ♂ ♂].

*Anthidium alaemon* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 184-185.

Holotype ♂: Karaj, 19.7.1965.

Paratypes: 1 ♂ [1 ♂].

Etymology: *Alaemon alaudipes* (Hoopoe Lark, Wüstenläuferlerche).

*Anthidium angulosum* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 180.

Holotype ♀: Monti steppici 5km N di Persepolis, Fars, 4.7.1965, leg. Soika / Mavromoustakis.

Paratypes: 14 specimens [5 ♀ ♀ 7 ♂ ♂].

*Anthidium arenosum* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 173-174.

Holotype ♀: NW Rig Ispakeh, Iranshar, Belutschistan, 2.4.1954, leg. Richter & Schäufler.

*Anthidium brevithorace* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 185-187.

Holotype ♂: Choca Zambil, Haft Tappeh, Khuzestan, 29.6.-1.7.1965, leg. Giordani Soika & Mavromoustakis.

Paratypes: 1 ♀ 4 ♂ ♂ [1 ♀ 4 ♂ ♂].

*Anthidium buteum* WARNCKE 1980. Entomofauna, Linz 1: 136-139, 156-157.

Holotype ♂: östl. Simak, Siirt, Türkei, 4.6.77, leg. Warncke.

Etymology: *Buteo* (Buzzard, Bussard).

- Anthidium capitum* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 181.  
Holotype ♀: S Kuhestak, Bandar Abbas, 21.5.1978, an *Alhagi pseudalhagi*, leg. Warncke.  
Paratypes: [3 ♀ ♀ 4 ♂ ♂].
- Anthidium crenulatum* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 175-176.  
Holotype ♀: Tiz bei Chahbar, Makran, 25.3.1954, leg. Richter & Schäuffele.
- Anthidium dumerlei* WARNCKE 1980. Entomofauna, Linz 1: 123-124, 136-138, 158-159.  
Holotype ♀: Stavros, Mazedonisch Griechenland, 10.8.1965, leg. Warncke.  
Paratypes: 8 ♀ ♀ 6 ♂ ♂ [4 ♀ ♀ 5 ♂ ♂].
- Anthidium hauseri* WARNCKE 1980. Entomofauna, Linz 1: 177-178.  
Holotype ♀: Dortkuju, Transkaspien (=Turkmenistan), 5.1900, leg. Hauser.  
Paratypes: 1 ♂ [1 ♂].
- Anthidium judaeense* ssp. *pasteelsi* WARNCKE 1980. Entomofauna, Linz 1: 169.  
Nom. nov. pro *Anthidium judaeense* ssp. *anale* (PASTEELS 1969), nec FRIESE 1914.
- Anthidium lituratum* ssp. *tropicum* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 172-173.  
Holotype ♀: Paß E Rudan, N Minab, Bandar Abbas in 570 m, 23.5.1978, an *Centaurea* spec., leg. Warncke.  
Paratypes: 8 ♀ ♀ 4 ♂ ♂ [6 ♀ ♀ 4 ♂ ♂].
- Anthidium oblongatum* ssp. *berberum* WARNCKE 1980. Entomofauna, Linz 1: 189.  
Nom. nov. pro *Anthidium oblongatum* ssp. *luteum* DUSMET 1915, nec FRIESE 1897.
- Anthidium obsoletum* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 183.  
Holotype ♀: 70 km N Shiraz, Fars, 6.7.1965, leg. Giordani Soika & Mavromoustakis.  
Paratype: 1 ♂ [1 ♂].  
Etymology: *Rhodospiza obsoleta* (Desert Finch, Weißflügelgimpel).
- Anthidium ovasi* WARNCKE 1980. Entomofauna, Linz 1: 123-128, 136-142, 176-177.  
Holotype ♀: Yesilhisar, Kayseri, Türkei, 3.8.1979, leg. Warncke.  
Paratypes: 3 ♂ ♂ [3 ♂ ♂].
- Anthidium rotundum* WARNCKE 1980. Entomofauna, Linz 1: 123-130, 136-147, 186-187.  
Holotype ♂: Ab Ali, Elburz, Iran, 9.-10.7.1965, leg. Giordani Soika & Mavromoustakis.  
Paratypes: 9 ♀ ♀ 7 ♂ ♂ [7 ♀ ♀ 7 ♂ ♂].
- Anthidium subangulosum* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 182.  
Holotype ♀: Steppa presso Chitgar, 18km W Teheran, 27.6.1965, leg. Giordani Soika & Mavromoustakis.  
Paratype: 1 ♂ [1 ♂].
- Anthidium sublustre* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 189-190.  
Holotype ♀: 15km SE Sarvestan in 1800 m, Fars, 17.5.1978, leg. Warncke.  
Paratype: 2 ♀ ♀ [2 ♀ ♀].
- Anthidium urfanum* WARNCKE 1980. Entomofauna, Linz 1: 123-128, 136-142, 179.  
Holotype ♀: Urfä, Türkei, 14.-17.6.1977, leg. Heinrich.  
Paratypes: 2 ♀ ♀ 2 ♂ ♂ [2 ♀ ♀ 2 ♂ ♂].

*Bytinskia negevensis* WARNCKE 1991. Linzer biol. Beitr. 23: 468-469.

Holotype ♀: Giv ot Loven, 13km S Paran in der Wüste Negev, Israel, 25.5.91, leg. Warncke.

*Bytinskia parasitica* WARNCKE 1991. Linzer biol. Beitr. 23: 484-486.

Holotype ♀: Tal südlich des Gevria-Passes in 3000 m im Sat-Gebirge, Prov. Hakkari, Türkei, 4.8.86, leg. Warncke.

Paratypes: 4 ♀ ♀ 6 ♂ ♂ [4 ♀ ♀ 6 ♂ ♂].

*Coelioxys aurolimbata* ssp. *orientalica* WARNCKE 1992. Ber. naturf. Ges. Augsburg 53: 44-45.

Holotype ♀: Mt. Aydos südl. Eregli in 1600 m, Konya, Türkei, 7.8.91, leg. Warncke.

Paratypes: 16 specimens [3 ♀ ♀ 10 ♂ ♂].

*Coelioxys iranica* WARNCKE 1992. Ber. naturf. Ges. Augsburg 53: 48-49.

Holotype ♀: Choca Zambil, Haft Tapeh/300 km N Abadan, Khuzestan, Iran, 29.6.-1.7.65, leg. Soika & Mavromoustakis.

Paratypes: 6 ♂ ♂ [6 ♂ ♂].

*Coelioxys kasachstana* WARNCKE 1992. Ber. naturf. Ges. Augsburg 53: 51.

Holotype ♀: Mikhaylovka, Djambul, Kazakhstan, 16.-17.7.1991, leg. Becvar.

*Coelioxys rufescens* ssp. *anatolica* WARNCKE 1992. Ber. naturf. Ges. Augsburg 53: 43.

Holotype ♀: Vargös in 1650 m im Mt. Sat/Hakkari, Türkei, 7.8.83, leg. Warncke.

Paratypes: 34 specimens [19 ♀ ♀ 12 ♂ ♂].

*Coelioxys torquata* WARNCKE 1992. Ber. naturf. Ges. Augsburg 53: 43-44.

Holotype ♂: Farab, Turkmenistan, 29.4.91, leg. Halada.

Paratypes: 6 ♂ ♂ [6 ♂ ♂].

Etymology: *Saxicola torquata* (Stonechat, Schwarzkehlchen).

*Colletes ankarae* WARNCKE 1978. Bull. ent. Pologne, Wroclaw 48: 343-344.

Holotype ♂: Ankara, Türkei, 3.6.1972.

Paratypes: [6 ♀ ♀ 5 ♂ ♂].

*Colletes caskanus* ssp. *chagrinus* WARNCKE 1978. Bull. ent. Pologne, Wroclaw 48: 366-367.

Holotype ♂: Şivelan, Hakkari, Türkei, 18.5.1975, leg. Warncke.

Paratypes: [7 ♀ ♀ 7 ♂ ♂].

*Colletes cunicularius* ssp. *tauricus* WARNCKE 1978. Bull. ent. Pologne, Wroclaw 48: 365-366.

Holotype ♂: Akseki, Taurus, 13.4.1974, 1300 m, leg. Warncke.

Paratypes: [1 ♂].

*Colletes daourus* WARNCKE 1978. Bull. ent. Pologne, Wroclaw 48: 346-347.

Holotype ♂: Ben Sour, Marokko, 3.1950, leg. Antoine.

Paratypes: [1 ♀ 1 ♂].

*Colletes dimidiatus* ssp. *canariensis* WARNCKE 1978. Bull. ent. Pologne, Wroclaw 48: 336-337.

Holotype ♂: Tirajana, Gran Canaria, 25.5.1934.

Paratypes: [3 ♀ ♀ 2 ♂ ♂].

*Colletes dimidiatus* ssp. *gomerensis* WARNCKE 1978. Bull. ent. Pologne, Wrocław 48: 335-336.

Holotype ♂: Valverde, Hierro, 19.6.1934.

Paratypes: [3 ♀ ♀ 5 ♂ ♂].

*Colletes dimidiatus* ssp. *tyrrhenicus* WARNCKE 1978. Bull. ent. Pologne, Wrocław 48: 338.

Holotype ♀: Capo Falcone, Sardinien, 2.8.1968, leg. Erlandsson.

Paratypes: [2 ♀ ♀ 1 ♂].

*Colletes floralis* ssp. *karadagi* WARNCKE 1978. Bull. ent. Pologne, Wrocław 48: 355-356.

Holotype ♂: Madenşehir, Türkei, 7.8.1972, leg. Warncke.

Paratypes: [1 ♂].

*Colletes glaber* WARNCKE 1978. Bull. ent. Pologne, Wrocław 48: 350-352.

Holotype ♀: Şereflikoçisar, Türkei, 17.5.1970, leg. Warncke.

Paratypes: [4 ♀ ♀ 1 ♂].

*Colletes marginatus* ssp. *hethiticus* WARNCKE 1978. Bull. ent. Pologne, Wrocław 48: 358-359.

Holotype ♂: Konya, Türkei, 23.7.1971, leg. Warncke.

Paratypes: [11 ♀ ♀ 11 ♂ ♂].

*Colletes maroccanus* WARNCKE 1978. Bull. ent. Pologne, Wrocław 48: 344-346.

Holotype ♂: Djebel Tifermine, Marokko, an *Reseda villosa*, 7.5.1970, leg. Desmier de Chenon.

Paratypes: [2 ♀ ♀ 5 ♂ ♂].

*Colletes persicus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 175-176.

Holotype ♂: Molla-Sani, Iran, 4.1965, leg. Türgari.

Paratypes: 2 ♀ ♀ 8 ♂ ♂ [1 ♀ 4 ♂ ♂].

*Dasypoda argentata* ssp. *hispanica* WARNCKE 1973. Bull. ent. Pologne, Wrocław 43: 121.

Holotype ♂: Moscareon bei Albarracin, Teruel, 17.7.1924, leg. Zemy.

Paratypes: [6 ♀ ♀ 2 ♂ ♂].

*Dasypoda braccata* ssp. *anatolica* WARNCKE 1973. Bull. ent. Pologne, Wrocław 43: 121-122.

Holotype ♀: Asia minor.

Paratypes: [2 ♀ ♀ 3 ♂ ♂].

*Dasypoda cingulata* ssp. *mamorensis* WARNCKE 1973. Bull. ent. Pologne, Wrocław 43: 120.

Holotype ♂: Foret de la Mamora, Marokko, 23.3.1961, leg. Lindberg.

Paratypes: 1 ♀ 2 ♂ ♂ [1 ♀ 2 ♂ ♂].

*Dasypoda hirtipes* ssp. *canariensis* WARNCKE 1973. Bull. ent. Pologne, Wrocław 43: 116-117.

Holotype ♂: Guatiza, Lanzarote, 13.3.1963, leg. Lindberg.

Paratypes: [3 ♂ ♂].

*Dasypoda iberica* WARNCKE 1973. Bull. ent. Pologne, Wrocław 43: 114-115, 119.

Holotype ♂: Spanien.

Paratypes: [3 ♂ ♂].

*Dasypoda pyriformis* ssp. *tubera* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 118.

Holotype ♂: Gülek, Icel, leg. Kolle.

Paratypes: [2♂♂].

*Dasypoda spinigera* ssp. *europaea* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 122-123.

Holotype ♂: Sonnenstrand, Bulgarien, 7.8.1969, leg. Warncke.

Paratypes: [8♀♀ 11♂♂].

*Dioxys heinrichi* WARNCKE 1977. Reichenbachia, Dresden 16: 265-269, 275-277.

Holotype ♂: Algeria, 1890.

Paratypes: [2♀♀ 1♂♂].

*Epeolus flavociliatus* ssp. *canarius* WARNCKE 1992. in: F. LA ROCHE BRIER. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna p. 859.

Discussion: Nomen nudum, because in this investigation a description is missing. Additionally this work is the unpublished thesis of La Roche Brier, the new names included are therefore not available (cf. introduction of the present list).

*Epeolus flavociliatus* ssp. *canarius* WARNCKE 1993. Veröff. Übersee-Mus. Bremen (Naturwiss.) 12: 764-765.

Holotype ♂: El Socorro, 20 km SW Sta. Cruz, Tenerife, 7.4.83, 50 m, leg. Hohmann [coll. Museo Insular de Ciencias Naturales, Santa Cruz de Tenerife].

Paratypes: 3♀♀ 4♂♂ [2♀♀ 2♂♂].

*Fidelia ulrikei* WARNCKE 1980. Mitt. Münchner ent. Ges. 70: 89-94.

Holotype ♀: Tansikht, 30 km östlich Agdz, Süd-Marocco, 5.4.1980, leg. Warncke.

Paratypes: 23♀♀ 1♂ [15♀♀ 1♂].

Discussion: WARNCKE called this bee species in honor of his first wife Ulrike Warncke who collected some of these bees. The correct gender of the species name is feminine, the termination of the genitive form is *-ae* (*ulrikeae*).

*Halictus aeratus* ssp. *caudatus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32: 85.

Holotype ♂: Ida-Geb., Kreta in 2100 m, 14.6.76 leg. Warncke.

Paratypes: 4♀♀ [4♀♀].

*Halictus agrotis* WARNCKE 1973. Nachrichtenbl. bayer. Ent., München 22: 23.

Nom. nov. pro *Halictus agrestis* SMITH 1853, nec (FOURCROY 1785).

*Halictus albitarsellus* WARNCKE 1973. Bull. Soc. Roy. Sci., Liège 42: 294.

Nom. nov. pro *Halictus albitarsis* CRESSON 1872, nec (SCHENCK 1853).

*Halictus alborens* ssp. *sidensis* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 86, 113.

Holotype ♀: Side-Wald, 27.4.1973, leg. Warncke.

Paratypes: [5♀♀ 22♂♂].

*Halictus alectoris* WARNCKE 1984. Linzer biol. Beitr. 16: 281-283.

Holotype ♀: Suvvari-Halil-Paß in 2800 m/Hakkari, 14.6.84, leg. Warncke.

Paratypes: 4♀♀ [4♀♀].

Etymology: *Alectoris graeca* (Rock Partridge, Steinhuhn).



- Halictus alpinus* ssp. *daglariensis* WARNCKE 1984. Linzer biol. Beitr. 16: 286-287.  
 Holotype ♂: südl. Rize im Tatos Daglari in 1200 m, 30.7.83, leg. Warncke.  
 Paratypes: 6 ♀ ♀ [6 ♀ ♀].
- Halictus alpinus* ssp. *finschii* WARNCKE 1984. Linzer biol. Beitr. 16: 287.  
 Holotype ♂: Tanin-Tanin-Paß in 2300-2600 m, 14.8.79, Hakkari, leg. Warncke.  
 Etymology: *Oenanthe finschii* (Black Wheatear, Felsensteinschmätzer).
- Halictus alpinus* ssp. *gevriensis* WARNCKE 1984. Linzer biol. Beitr. 16: 288.  
 Holotype ♂: Gevria-Paß im Sat-Geb. in 2700-3100 m, 6.8.1983, Hakkari, leg. Warncke.  
 Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].  
 Discussion: The type specimens are bearing the identification labells "*Halictus alpinus* ssp. *gavriensis*".
- Halictus alpinus* ssp. *olympicus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 83.  
 Holotype ♂: Olymp, Griechenland in 2000-2200 m, 18.8.78, leg. Warncke.  
 Paratypes: 2 ♀ ♀ 4 ♂ ♂ [2 ♀ ♀ 4 ♂ ♂].
- Halictus alpinus* ssp. *pangaeus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 82-83.  
 Holotype ♂: Pangäon, Kavalla, Griechenland in 1700-1900 m, 28.8.78, leg. Warncke.  
 Paratypes: 7 ♀ ♀ 3 ♂ ♂ [7 ♀ ♀ 3 ♂ ♂].
- Halictus alpinus* ssp. *suvariensis* WARNCKE 1984. Linzer biol. Beitr. 16: 287.  
 Holotype ♂: Suvari-Halil-Paß in 2900 m, 11.8.1983, Hakkari, leg. Warncke.  
 Paratypes: 1 ♀ 9 ♂ ♂ [1 ♀ 9 ♂ ♂].
- Halictus andinus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 72-73.  
 Holotype ♀: Şivelan, Hakkari, Türkei, 18.5.75, leg. Warncke.  
 Paratypes: 10 ♀ ♀ [10 ♀ ♀].
- Halictus apricarius* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 130-131.  
 Holotype ♀: Paß E Uludere, Hakkari, Türkei, 6.6.1977, leg. Warncke.  
 Paratypes: 1 ♂ [1 ♂].  
 Etymology: *Pluvialis apricaria* (Golden Plover, Goldregenpfeifer).
- Halictus arctifrons* ssp. *glandarius* WARNCKE 1975. Vieraea, Santa Cruz de Tenerife 4: 203-204, 210.  
 Holotype ♀: Sabinosa, Hierro, 10.8.1922.  
 Etymology: *Clamator glandarius* (Great Spotted Cockoo, Häherkuckuck).
- Halictus arctifrons* ssp. *optatus* WARNCKE 1975. Vieraea, Santa Cruz de Tenerife 4: 203, 209-210.  
 Holotype ♀: Tirajana, Gran Canaria, 27.5.1934.
- Halictus atrovirens* ssp. *livius* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 84-85.  
 Holotype ♀: Ida-Geb., Kreta in 2100 m, 14.6.76, leg. Warncke.  
 Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].  
 Etymology: *Columba livia* (Rock Dove, Felsentaube).

*Halictus bassanus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 73-74.

Holotype ♀: Şivelan, Hakkari, Türkei, 18.5.75, leg. Warncke.

Paratypes: 9 ♀ ♀ [9 ♀ ♀].

Etymology: *Sula bassana* (Gannet, Baßtölpel).

*Halictus biarmicus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 86, 113-114.

Holotype ♀: Bafra, 12.8.1972, leg. Warncke.

Paratypes: [3 ♀ ♀].

Etymology: *Falco biarmicus* (Lanner, Lannerfalke).

*Halictus bicallousus* ssp. *cetti* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 92.

Holotype ♀: Elon, Israel, 9.5.1971, leg. Bytinki-Salz.

Etymology: *Cettia cetti* (Cetti's Warbler, Seidensänger).

*Halictus bifidus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 109, 121-122.

Holotype ♂: Gölebert, Kars, 2.9.1973, leg. Warncke.

Paratypes: [3 ♀ ♀ 4 ♂ ♂].

*Halictus bubulcus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 88-89.

Holotype ♂: Malia, Heraklion, Kreta in 100 m, 17.6.76, leg. Warncke.

Paratypes: [13 ♀ ♀ 1 ♂].

Etymology: *Bubulcus ibis* (Cattle Egret, Kuhreiher).

*Halictus buteus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 105, 119.

Holotype ♀: Şile, 5.8.1968, leg. Warncke [5.8.1965].

Paratypes: [4 ♀ ♀].

Etymology: *Buteo* (Buzzard, Bussard).

*Halictus caprimulgus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 100, 116-117.

Holotype ♂: Erzurum, 29.8.1973, leg. Warncke.

Paratypes: [8 ♀ ♀ 5 ♂ ♂].

Etymology: *Caprimulgus europaeus* (Nightjar, Ziegenmelker).

*Halictus chalcodes* ssp. *gomera* WARNCKE 1975. Vieraee, Santa Cruz de Tenerife 4: 206, 211.

Holotype ♂: Hermigua, Gomera, 6.6.1935.

Paratypes: [7 ♀ ♀ 8 ♂ ♂].

*Halictus cinclus* WARNCKE 1984. Linzer biol. Beitr. 16: 302-303.

Holotype ♂: südl. Veregös im Sat-Geb., 7.8.83 in 2400 m, Hakkari, leg. Warncke.

Paratypes: 5 ♀ ♀ 4 ♂ ♂ [5 ♀ ♀ 4 ♂ ♂].

Etymology: *Cinclus cinclus* (Dipper, Wasserramsel).

*Halictus cinclellus* WARNCKE 1984. Linzer biol. Beitr. 16: 302-303.

Holotype ♀: Mt. Sat in 2050-2450 m, Hakkari, 10.6.81, leg. Warncke.

Paratypes: 5 ♀ ♀ [5 ♀ ♀].

Etymology: *Cinclus cinclus* (Dipper, Wasserramsel).

*Halictus clangulus* WARNCKE 1984. Linzer biol. Beitr. 16: 308-309.

Holotype ♀: 40 km N Başkale in 2350 m, Van, 8.6.81, leg. Warncke.

Paratypes: 1 ♀ [1 ♀].

Etymology: *Clangula hyemalis* (Long-tailed Duck, Eisente).

*Halictus contiguus* WARNCKE 1973. Bull. Soc. Roy. Sci., Liège 42: 281.

Nom. nov. pro *Halictus compressus* BLÜTHGEN 1926, nec (WALCKENAER 1802).

*Halictus convexellus* WARNCKE 1973. Bull. Soc. Roy. Sci., Liège 42: 291.

Nom. nov. pro *Halictus convexus* SMITH, 1879 nec (SCHENCK 1853).

*Halictus cristula* ssp. *donatus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 93, 121.

Holotype ♀: Delphi, Griechenland, 11.4.1963, leg. Warncke.

Paratypes: [16 ♀ ♀].

Discussion: WARNCKE lists the paratypes of *H. cristula* ssp. *donatus* and refers to Nr. 47 of this publication (list of species, p. 93) for further paratypes, but the localities noted there are pointed out as *H. cristula* PÉREZ, 1895.

*Halictus cucullatus* WARNCKE 1984. Linzer biol. Beitr. 16: 300.

Holotype ♀: 10 km W Uludere in 1000 m, Hakkari, 4.6.80, leg. Warncke.

Paratypes: 6 ♀ ♀ [6 ♀ ♀].

Etymology: *Mergus cucullatus* (Hooded Merganser, Kappensänger).

*Halictus cypricus* ssp. *nigricutis* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 107, 120.

Holotype ♀: Şereflikoçhisar, 17.5.1970, leg. Warncke.

Paratypes: [4 ♀ ♀].

*Halictus desponsus* WARNCKE 1973. Nachrichtenbl. bayer. Ent., München 22: 23.

Nom. nov. pro *Halictus desertus* SMITH, 1879, nec (HARRIS 1776).

*Halictus duckei* ssp. *hakkariensis* WARNCKE 1984. Linzer biol. Beitr. 16: 284-285.

Holotype ♀: 5km S Başkale, Van in 2000 m, 30.5.80, leg. Warncke.

Paratypes: 13 ♀ ♀ [13 ♀ ♀].

*Halictus eurasicus* ssp. *canorus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 99.

Holotype ♀: Arguelman Sidi Ali ou Mohammed, Middle Atlas, Marokko in 6500 feet, 22.7.1934 [coll. British Museum (Natural History) Entomology, London].

Etymology: *Cuculus canorus* (Cuckoo, Kuckuck).

*Halictus eurasicus* ssp. *krausi* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32: 101, 103.

Holotype ♀: N Paß zwischen Chalus und Karaj, Mazandaran in 2470 m, 28.5.1978, leg. Kraus.

Paratypes: [2 ♀ ♀].

*Halictus eurasicus* ssp. *prunellus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 94, 114-115.

Holotype ♀: Ardanuç, Artvin, 1.9.1973, leg. Warncke.

Paratypes: [1 ♀ 1 ♂].

Etymology: *Prunella* (Accentor, Braunelle).

*Halictus eurasicus* ssp. *subbuteo* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 101, 103.

Holotype ♀: Kuh-e-Hazaran, südl. Rayen, Kerman, Iran in 3800 m, 25.5.1978, leg. Warncke.

Paratypes: [3 ♀ ♀].

Etymology: *Falco subbuteo* (Hobby, Baumfalke).

*Halictus eurasicus* ssp. *torquillus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 100.

Holotype ♀: Mt. Troodos, Zypern in 5500 feet, 16.8.1948.

Etymology: *Jynx torquilla* (Wryneck, Wendehals).

*Halictus exquisitus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 105, 120.

Holotype ♀: Ostseite des Tuz Gölü, 24.5.1960, leg. Warncke.

Paratypes: [1 ♀].

*Halictus falcinellus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 154-157.

Holotype ♀: Rudbar, Iran, 11.8.1964, leg. Bohart.

Paratypes: [10 ♀ ♀ 7 ♂ ♂].

Etymology: *Limicola falcinellus* (Broad-billed Sandpiper, Sumpfläufer).

*Halictus fulvicornis* ssp. *antelicus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 102, 117.

Holotype ♂: İkizdere, südlich Rize, 32.8.1973 [31.8.1973], leg. Warncke.

Paratypes: [9 ♀ ♀ 8 ♂ ♂].

*Halictus gavarnicus* ssp. *longigenae* WARNCKE 1988. Linzer biol. Beitr. 20: 91-94.

Holotype ♂: Timfi-Geb., Griechenland, 21.8.77, 1800-2000 m, leg. Warncke.

Paratypes: [5 ♀ ♀ 7 ♂ ♂].

*Halictus gordius* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 109, 122.

Holotype ♀: Ulukışla, 29.5.1972, leg. Warncke.

*Halictus grossus* WARNCKE 1973. Bull. Soc. Roy. Sci., Liège 42: 280.

Nom. nov. pro *Halictus grandis* (MEYER 1920) nec (ILLIGER 1806).

*Halictus hazarani* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 92-94, 98.

Holotype ♀: Kuh-e-Hazaran, S Rayen, Kerman, Iran in 3800 m, 25.5.1978, leg. Warncke.

Paratypes: [2 ♀ ♀].

*Halictus ibex* WARNCKE 1973. Bull. Soc. Roy. Sci., Liège 42: 282.

Nom. nov. pro *Halictus simplex* BLÜTHGEN 1923, nec (ROBERTSON 1901).

*Halictus immittus* ssp. *sillatus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 119.

Holotype ♀: Catania, Sizilien, 19.4.1958, leg. Priesner an Centaurea.

Paratypes: [6 ♀ ♀ 1 ♂].

*Halictus intermediellus* WARNCKE 1973. Bull. Soc. Roy. Sci., Liège 42: 287.

Nom. nov. pro *Halictus intermedius* RAYMENT 1927, nec SCHENCK 1868.

*Halictus isabellinus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 77-79.

Holotype ♀: 20 km N Qotabad, Bandar Abbas, Iran, in 1060 m, 20.5.1978, leg. Warncke.

Paratypes: 1 ♀ [1 ♀].

Etymology: *Oenanthe isabellina* (Isabelline Wheatear, Isabellsteinschmätzer).

*Halictus kessleri* ssp. *hakkarius* WARNCKE 1984. Linzer biol. Beitr. 16: 305-306.

Holotype ♀: Şivelan, Hakkari, 18.5.75, leg. Warncke.

Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].

*Halictus kessleri* ssp. *nebulosus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 105, 119-120.

Holotype ♀: Bafra, 12.8.1972, leg. Warncke.

Paratypes: [7 ♀ ♀ 9 ♂ ♂].

Etymology: *Strix nebulosa* (Great Grey Owl, Bartkauz).

*Halictus laevidorsum* ssp. *priesneriellus* WARNCKE 1981. Carinthia II, Klagenfurt 171/91: 290.

Holotype ♀: Waidisch-Gries, Kärnten, 13.5.1964, auf lockerem Sand gefangen, leg. Priesner.

Paratypes: 17 ♀ ♀ 4 ♂ ♂ [12 ♀ ♀ 4 ♂ ♂].

*Halictus lateralis* ssp. *citrinellus* WARNCKE 1984. Linzer biol. Beitr. 16: 294.

Holotype ♀: Suvari-Halil-Paß, Hakkari in 2500 m, 2.6.80, leg. Warncke.

Paratypes: 9 ♀ ♀ [7 ♀ ♀].

Etymology: *Emberiza citrinella* (Yellowhammer, Goldammer).

*Halictus laticephalus* WARNCKE 1984. Linzer biol. Beitr. 16: 306-308.

Holotype ♀: Suvari-Halil-Paß in 2300 m, Hakkari, 2.8.82, leg. Warncke.

Paratypes: 3 ♀ ♀ 1 ♂ [3 ♀ ♀ 1 ♂].

*Halictus leptocephalus* ssp. *belisarius* WARNCKE 1975. Vieraea, Santa Cruz de Tenerife 4: 202, 209.

Holotype ♀: Médano, Teneriffa, 2.1.1934.

Paratypes: [8 ♀ ♀ 4 ♂ ♂].

Etymology: *Aquila rapax belisarius* (Tawny Eagle, Raubadler).

*Halictus leptocephalus* ssp. *lajarensis* WARNCKE 1975. Vieraea, Santa Cruz de Tenerife 4: 202, 209.

Holotype ♀: Lajares y Tostón, Fuerteventura, 15.4.1934.

Paratypes: [6 ♀ ♀ 4 ♂ ♂].

*Halictus leucozonius* ssp. *clusius* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 98, 116.

Holotype ♀: Hatay (=Antakya), 1.5.1964, leg. Warncke.

Paratypes: [20 ♀ ♀ 35 ♂ ♂].

*Halictus montifringillus* WARNCKE 1984. Linzer biol. Beitr. 16: 288-290.

Holotype ♂: Suvari-Halil-Paß in 2300 m am 3.8.82, Hakkari, leg. Warncke.

Paratypes: 7 ♀ ♀ 7 ♂ ♂ [7 ♀ ♀ 7 ♂ ♂].

Etymology: *Montifringilla nivalis* (Snow Finch, Schneefink).

*Halictus montifringillus* ssp. *cannabinus* WARNCKE 1984. Linzer biol. Beitr. 16: 291.

Holotype ♀: Farshat Frea, Sinai, 12.5.75, leg. Kugler.

Paratypes: 1 ♂ [1 ♂].

Etymology: *Carduelis cannabina* (Linnet, Bluthänfling).

*Halictus morinellus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 104, 118-119.

Holotype ♀: Horasan, Arastal, 3.9.1973, leg. Warncke.

Paratypes: [12 ♀ ♀ 1 ♂].

Etymology: *Charadrius morinellus* (Dotterel, Mornellregenpfeifer).

*Halictus morinellus* ssp. *hyemalis* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 134-135.

Holotype ♀: Bandar Abbas, Iran, 28.11.1968.

Paratypes: [2 ♀ ♀].

Etymology: *Clangula hyemalis* (Long-tailed Duck, Eisente).

*Halictus morio* ssp. *elatus* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 89, 114.

Holotype ♀: Side, 16.4.1973, leg. Warncke.

Paratypes: [3 ♀ ♀].

*Halictus nigricornutus* WARNCKE 1973. Bull. Soc. Roy. Sci., Liège 42: 292.

Nom. nov. pro *Halictus nigricornis* MORAWITZ 1886, nec (SCHENCK 1853).

*Halictus obscuratus* ssp. *acerbus* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 117-118.

Holotype ♀: Trikkala, Griechenland, 21.4.1962, leg. Warncke.

Paratypes: [7 ♀ ♀ 8 ♂ ♂].

*Halictus obsoletus* WARNCKE 1973. Nachrichtenbl. bayer. Ent., München 22: 25.

Nom. nov. pro *Halictus nitidula* PÉREZ 1903, nec (FABRICIUS 1804).

Etymology: *Rhodospiza obsoleta* (Desert Finck, Weißflügelgimpel).

*Halictus pallens* ssp. *kantarae* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 92.

Holotype ♂: Kantara, Zypern, 7.4.1953.

Paratypes: 3 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].

*Halictus phoenicurus* WARNCKE 1975. Vieraea, Santa Cruz de Tenerife 4: 204, 210.

Holotype ♀: Puerto de Cabras, Fuerteventura, 1.8.1905.

Etymology: *Phoenicurus phoenicurus* (Redstart, Gartenrotschwanz).

*Halictus phoenicurus* ssp. *gregarius* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 76.

Holotype ♀: Qued Draa/Road E of Tan Tan, S-Marokko, 18.3.74, leg. Guichard & Else [coll. British Museum (Natural History) Entomology, London].

Paratypes: 4 ♀ ♀ [4 ♀ ♀].

Etymology: *Chettusia gregaria* (Sociable Plover, Steppenkiebitz).

*Halictus pulicarius* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 104, 118.

Holotype ♀: Nevşehir, 22.5.1972, leg. Warncke.

Paratypes: [4 ♀ ♀ 8 ♂ ♂]

*Halictus punctus* WARNCKE 1973. Bull. Soc. Roy. Sci., Liège 42: 288.

Nom. nov. pro *Halictus punctatissimus* (MEYER 1920), nec (SCHENCK 1853).

*Halictus rupestris* WARNCKE 1984. Linzer biol. Beitr. 16: 301-302.

Holotype ♂: südl. Vargös im Sat-Geb. in 2400 m, Hakkari, 7.8.83, leg. Warncke.

Paratypes: 25 ♀ ♀ 4 ♂ ♂ [10 ♀ ♀ 4 ♂ ♂].

Etymology: *Ptyonoprogne rupestris* (Crag Martin, Felsenschwalbe).

*Halictus rusticolus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 121-123.

Holotype ♀: östl. Şirnak, Siirt, Türkei, 3.6.77, leg. Warncke.

Paratypes: 9 ♀ ♀ [9 ♀ ♀].

Etymology: *Falco rusticolus* (Gyr Falcon, Gerfalke).

*Halictus sabulosus* WARNCKE 1986. Entomofauna, Linz Suppl. 3: 126-128.

Holotype ♀: Lochhauser Sandberg, 9.6.1962, leg. Warncke.

Paratypes: 11 ♀ ♀ 11 ♂ ♂ [11 ♀ ♀ 11 ♂ ♂].

*Halictus saxatilis* WARNCKE 1984. Linzer biol. Beitr. 16: 283-284.

Holotype ♀: Tanin-Tanin-Paß in 1700 m, 12.6.84, leg. Warncke.

Etymology: *Monticola saxatilis* (Rock Thrush, Steinrötel).

*Halictus schachtii* WARNCKE 1984. Linzer biol. Beitr. 16: 292-293.

Holotype ♂: Vargös im Sat-Geb. in 1700 m, 6.8.83, leg. Schacht.

Paratypes: 5 ♀ ♀ 6 ♂ ♂ [5 ♀ ♀ 6 ♂ ♂].

Etymology: The species is named in honor for Wolfgang Schacht (Munich and Schöngesing, Germany), entomologist and fellow passenger of Warncke on a journey to Eastern Turkey. W. Schacht collected several specimens of this species using a trap.

*Halictus scirpaceus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 86, 112-113.

Holotype ♀: Ankara, 21.5.1972, leg. Warncke.

Paratypes: [1 ♀]

Etymology: *Acrocephalus scirpaceus* (Reed Warbler, Teichrohrsänger).

*Halictus senex* ssp. *beytüşshebapensis* WARNCKE 1984. Linzer biol. Beitr. 16: 313.

Holotype ♂: südl. Beytüşshebap, in 1250 m, Hakkari, 10.8.83, leg. Warncke.

Paratypes: 52 ♂ ♂ [26 ♂ ♂].

Discussion: Probably the name derives from the type locality Beytüşshebap in eastern Turkey. It has to be corrected to *beytüşshebapensis* (Article 32 d i 2 ICZN 1985: diacritic mark "ü" is based on an Turkish locality, not on a German word).

*Halictus senex* ssp. *lunatus* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 109, 121.

Holotype ♂: Ispir, Erzurum, 30.8.1973, leg. Warncke.

Paratypes: [19 ♂ ♂].

*Halictus siirtensis* WARNCKE 1984. Linzer biol. Beitr. 16: 279-280.

Holotype ♀: 15km W Siirt in 650 m, 6.6.80, leg. Warncke.

Paratypes: 3 ♀ ♀.

*Halictus smeathmanellus* ssp. *camus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 84, 86.

Holotype ♂: Kuh-e-Hazaran, südl. Rayen, Kerman, Iran in 3800 m, 25.5.78, leg. Warncke.

Etymology: *Picus camus* (Grey headed Woodpecker, Grauspecht).

*Halictus smeathmanellus* ssp. *cretensis* WARNCKE 1975. Bull. ent. Pologne, Wrocław 45: 114.

Holotype ♀: Chera, Sfakion, Westkreta, 2.5.1973, leg. Teunissen.

Paratypes: [3 ♀ ♀].

*Halictus smeathmanellus* ssp. *nucleolus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 83.

Holotype ♂: Pangäon bei Kavalla, Griechenland in 1600 m, 28.8.78, leg. Warncke.

Paratypes: [1♂].

*Halictus smeathmanellus* ssp. *petrosus* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 90, 114.

Holotype ♀: Ararat, 15.6.1973, leg. Warncke.

Paratypes: [3♀ 1♂].

Etymology: *Anthus petrosus* (Rock Pipit, Strandpieper).

*Halictus sobrinus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 119-121, 123.

Holotype ♀: Şivelan, Hakkari, Türkei, 18.5.75, leg. Warncke.

Paratypes: 2♂♂ [2♂♂].

*Halictus sogdianus* ssp. *nisorius* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 106, 120.

Holotype ♀: Nevşehir, 22.5.1972, leg. Warncke.

Paratypes: [14♀ 1♂].

Etymology: *Sylvia nisoria* (Barred Warbler, Sperbergrasmücke).

*Halictus solitarius* WARNCKE 1975. Bull. ent. Pologne, Wroclaw 45: 94, 115-116.

Holotype ♀: Akseki, Taurus, 25.4.1973, leg. Warncke.

Paratypes: [2♀ 3♂♂].

Etymology: *Monticola solitarius* (Blue Roch Thrush, Blaumerle).

*Halictus stolidus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 71-72.

Holotype ♀: Akseki/Taurus, Türkei, 25.4.73, 1300 m, leg. Warncke.

Paratypes: 1♀ [1♀].

Etymology: *Anous stolidus* (Brown Noddy, Noddyseeschwalbe).

*Halictus taninensis* WARNCKE 1984. Linzer biol. Beitr. 16: 278-279.

Holotype ♀: Tanin-Tanin-Paß in 2500 m, 2.6.80, leg. Warncke.

Paratypes: 21♀ 21♀ [21♀ 21♀].

*Halictus tinunculus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 101-102, 104.

Holotype ♀: N Paß zwischen Chalus und Karaj, Mazandaran in 2470 m, 28.5.1978, leg. Kraus.

Paratypes: 4♀ 4♀ [4♀ 4♀].

Etymology: *Falco tinunculus* (Kestrel, Turmfalke).

*Halictus verticalis* ssp. *kurdicus* WARNCKE 1984. Linzer biol. Beitr. 16: 306.

Holotype ♀: südl. Vargöz in 2400 m in Mt. Sat, Hakkari, 7.8.83, leg. Warncke.

Paratypes: 16♂♂ 20♂♂ [11♀ 17♂♂].

*Halictus viridis* ssp. *cabrerai* WARNCKE 1975. Vieraea, Santa Cruz de Tenerife 4: 204, 210.

Holotype ♀: Valle de los Granadillos, Fuerteventura, 21.4.1934.

Paratypes: [6♀ 8♂♂].

*Halictus xanthoprymnus* WARNCKE 1984. Linzer biol. Beitr. 16: 314-316.

Holotype ♂: Gevria-Paß in 2700-3100 m in Sat-Geb., Hakkari, 6.8.83, leg. Warncke.

Paratypes: 4♀ 7♂♂ [4♀ 6♂♂].

Etymology: *Oenanthe xanthoprymna* (Red-tailed Wheatear, Rostbürzel-Steinschmätzer).



*Halictus xanthopus* ssp. *lativalvis* WARNCKE 1984. Linzer biol. Beitr. 16: 296-297.

Holotype ♂: 10 km N Tutak, Agri, 28.5.80 in 1600 m, leg. Warncke.

Paratypes: 6♂♂ [6♂♂].

*Halictus zostaceus* WARNCKE 1982. Boll. Mus. Civ. Stor. nat., Venezia 32[1981]: 131-132.

Holotype ♀: E Uludere, Hakkari, Türkei, 5.6.1977, leg. Warncke.

*Macropis europaea* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 111-112.

Holotype ♀: Erlangen, Stöckhert.

*Macropis fulvipes* ssp. *macedonica* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 112.

Holotype ♀: Jugoslavien, Baba-Planina, Mazedonien, 21.7.1963.

Paratypes: [1♀ 1♂].

*Melitta aegyptica* ssp. *canariensis* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 105-106.

Holotype ♂: Corralejos, Fuerteventura, 27.3.1963, leg. Lindberg.

Paratypes: [3♀ 3♂♂].

*Melitta aegyptica* ssp. *clusia* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 106.

Holotype ♀: Medano, Teneriffa, 12.-22.4.1930.

Paratypes: [1♀ 3♂♂].

*Melitta aegyptiaca* ssp. *maroccana* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 105.

Holotype ♂: Marrakesch, Marokko, 1.1907, leg. Escalera.

Paratypes: [5♀ 3♂♂].

*Melitta bicollaris* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 123.

Holotype ♀: Erzurum, Türkei, 30.6.1970, leg. Özbek.

Paratypes: 1♀ [1♀].

*Melitta iberica* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 98-99, 101, 109.

Holotype ♂: Sierra de Guadarrama, Madrid, 29.6.1913, leg. Dusmet.

Paratypes: [3♀ 7♂♂].

*Melitta kastiliensis* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 98, 101, 110.

Holotype ♂: Montarco, Madrid, 1.7.1930, leg. Dusmet.

Paratypes: [2♀ 3♂♂].

*Melitta maura* ssp. *cyrenaicensis* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 107.

Holotype ♀: Bengasi, Cyrenaika, 5.3.1929, leg. Krüger.

Paratypes: [4♀ 3♂♂].

*Melitta maura* ssp. *orientana* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 107.

Holotype ♂: Deganya, Israel, 11.2.1949, leg. Bytinski-Salz.

Paratypes: [3♀ 2♂♂].

*Melitta murciana* WARNCKE 1973. Bull. ent. Pologne, Wroclaw 43: 101-102, 110.

Holotype ♂: Murcia, 2.5.1941, leg. Andréu.

Paratype: 1♂ [1♂].

*Melitta schmiedeknechti* ssp. *tunensis* WARNCKE 1973. Bull. ent. Pologne, Wrocław 43: 98-99, 105.

Holotype ♀: Tunis.

Paratype: [2 ♀ ♀ 4 ♂ ♂].

*Melitta seitzi* ssp. *cinerea* WARNCKE 1973. Bull. ent. Pologne, Wrocław 43: 109.

Holotype ♂: Ribas, Madrid.

Paratype: [3 ♀ ♀ 3 ♂ ♂].

Etymology: *Ardea cinerea* (Grey Heron, Graureiher).

*Meliturgula centaurea* WARNCKE 1985. Boll. Mus. Civ. Stor. nat., Venezia 34[1983]: 229-230, 232-233.

Holotype ♂: Paß östl. Rudan, nördl. Minab, Bandar Abbas, Iran, 570 m, 23.5.1978, leg. Warncke.

Paratypes: 7 ♀ ♀ [5 ♀ ♀].

*Meliturgula deserta* WARNCKE 1985. Boll. Mus. Civ. Stor. nat., Venezia 34[1983]: 229, 233-234.

Holotype ♀: Choca Zambil, 300 km nördl. Abadan, Khuzestan, 29.6.-1.7.1965, leg. G. Soika & Mavromoustakis.

*Meliturgula tapana* WARNCKE 1985. Boll. Civ. Stor. nat., Venezia 34[1983]: 229, 230, 231-232.

Holotype ♂: Haft Tapeh, 300 km nördl. Abadan, Iran, 30.6.-1.7.1965, leg. G. Soika & Mavromoustakis.

Paratypes: 65 ♀ ♀ 3 ♂ ♂ [20 ♀ ♀ 2 ♂ ♂].

*Nomia algeriensis* WARNCKE 1976. Reichenbachia, Dresden 16: 96-97, 100, 116-117.

Holotype ♂: Ain Sfisiffa, Algerien [Oran].

Paratypes: [2 ♂ ♂]

*Nomia anatolica* WARNCKE 1976. Reichenbachia, Dresden 16: 94-97, 99, 114-115.

Holotype ♂: Igdir, Kars, 1.9.1960.

Paratypes: [2 ♀ ♀].

*Nomia bytinski* WARNCKE 1976. Reichenbachia, Dresden 16: 94-97, 108, 118.

Holotype ♂: Jerewan, Armenien, 4.7.1932, leg. Kostylev.

Paratypes: [9 ♀ ♀ 7 ♂ ♂].

Discussion: Probably WARNCKE called this subspecies in honor of Prof. Bytinski-Salz (Tel-Aviv). The name *bytinski* is used in application, thus the termination is nominative not genitive.

*Nomia clavicornis* WARNCKE 1980. Linzer biol. Beitr. 12: 372-374.

Holotype ♂: Kashan, Iran, 1000 m, Wanderdünen, 25.5.1976, leg. Ressler & Holzschuh.

Paratypes: 2 ♂ ♂ [1 ♂].

*Nomia dixica* WARNCKE 1976. Reichenbachia, Dresden 16: 94-98, 104, 117-118.

Holotype ♀: Oase Tiout bei Ain Sefra, Algerien, 1890.

Paratypes: [4 ♀ ♀ 3 ♂ ♂].

Etymology: The first dog of the Warncke family, a poodle, was called Dixi.

*Nomia iranica* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 169-170.

Holotype ♀: Bampur-Ufer, südwestlich Iranshar, Belutschistan, 22.5.1954, leg. Richter & Schäufferle.

Paratypes: 2 ♀ ♀ [2 ♀ ♀].

*Nomia lutea* WARNCKE 1976. Reichenbachia, Dresden 16: 94, 96, 109, 119.

Holotype ♀: Heluan, Ägypten, 21.10.1920, an Zuckerrohr [21.10.1930].

Paratypes: [2 ♀ ♀ 4 ♂ ♂].

*Nomia nubica* WARNCKE 1976. Reichenbachia, Dresden 16: 94-96, 100, 117.

Holotype ♀: Heliopolis/Ägypten, 9.1913, leg. Andres.

Paratype: 1 ♀.

*Nomia orientana* WARNCKE 1976. Reichenbachia, Dresden 16: 94-97, 99, 115-116.

Holotype ♂: Baigakum bei Djulek, Turkestan, 15.6.1907, leg. Glasunov.

Paratypes: [8 ♀ ♀ 7 ♂ ♂].

*Nomia orientana* ssp. *negevensis* WARNCKE 1976. Reichenbachia, Dresden 16: 94, 99, 116.

Holotype ♀: Sedom, Israel, 25.9.1971, leg. Bytinski-Salz [Sodom].

Paratypes: [2 ♂ ♂].

*Nomia patellata* ssp. *abbassa* WARNCKE 1980. Linzer biol. Beitr. 12: 367-369.

Holotype ♂: 50 km NW Jask, Bandar Abbas, Iran, 22.5.78 an *Alhagi pseudalhagi*, leg. Warncke.

Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].

*Nomia platula* WARNCKE 1976. Reichenbachia, Dresden 16: 94-98, 104, 118.

Holotype ♂: Schurab, Kirman, Iran, 27.5.1898, leg. Zarudny.

Paratypes: [8 ♀ ♀ 8 ♂ ♂]

*Nomia sudanica* WARNCKE 1980. Linzer biol. Beitr. 12: 366-368.

Holotype ♂: Gebel Elba, leg. Priesner.

Paratypes: 3 ♀ ♀ [2 ♀ ♀].

*Nomia urfana* WARNCKE 1980. Linzer biol. Beitr. 12: 370-372.

Holotype ♂: Halfeti, Urfa, Türkei, 29.5.1978, leg. Schwarz.

Paratypes: 8 ♀ ♀ 5 ♂ ♂ [4 ♀ ♀ 2 ♂ ♂].

*Osmia acuticornis* ssp. *penelope* WARNCKE 1991. Linzer biol. Beitr. 23: 724.

Holotype ♂: 7 km SW Zarzis, 20.3.88, leg. Nilsson.

Paratypes: 3 ♂ ♂ [1 ♂].

Etymology: *Anas penelope* (Wigeon, Pfeifente).

*Osmia aeruginosa* WARNCKE 1988. Entomofauna, Ansfelden 9: 26-27.

Holotype ♀: südl. Vargös im Mt. Sat in 1700 m, Hakkari, Türkei, 6.8.82, leg. Warncke.

Paratypes: 4 specimens [3 ♀ ♀].

Etymology: *Circus aeruginosus* (Marsh Harrier, Rohrweihe).

- Osmia africana* WARNCKE 1990. Entomofauna, Ansfelden 11: 482, 483, 486-487.  
 Holotype ♀: 30 km N Foum Zguid, Marokko, 30.3.86, leg. Warncke.  
 Paratypes: 36 ♀ 1 ♂ [14 ♀ 1 ♂].
- Osmia albatra* WARNCKE 1991. Entomofauna, Ansfelden 12: 402-405.  
 Holotype ♀: Albatra, südwestlich Alicante, Spanien.
- Osmia alchata* WARNCKE 1990. Entomofauna, Ansfelden 11: 482-483, 489-493.  
 Holotype ♀: 20 km SO Harran, Urfa, Türkei, 23.5.83, leg. Warncke.  
 Paratypes: 8 ♀ 1 ♂ [8 ♀ 1 ♂].  
 Etymology: *Pterocles alchata* (Pin-tailed Sandgrouse, Speißflughuhn).
- Osmia alectoris* WARNCKE 1991. Linzer biol. Beitr. 23: 727.  
 Nom. nov. pro *Osmia freygesneri* FRIESE 1899, nec (SCHLETTERER 1889).
- Osmia alexandrina* WARNCKE 1991. Linzer biol. Beitr. 23: 728-729.  
 Holotype ♀: Zisterne, 12 km W Mizpe Ramon, Israel, 10.4.90, leg. Warncke.  
 Paratypes: 9 specimens [5 ♀ 4 ♂].  
 Etymology: *Charadrius alexandrinus* (Kentish Plover, Seeregenpfeifer).
- Osmia annulata* ssp. *corsaria* WARNCKE 1991. Linzer biol. Beitr. 23: 311.  
 Holotype ♂: Ajaccio, Korsika, 15.6.81, leg. Perraudin.
- Osmia annulata* ssp. *cretica* WARNCKE 1991. Linzer biol. Beitr. 23: 312.  
 Nom. nov. pro *Osmia crenulata* MORAWITZ 1871, nec (NYLANDER 1856).
- Osmia annulata* ssp. *israelica* WARNCKE 1991. Linzer biol. Beitr. 23: 312.  
 Holotype ♂: Naharia, 7.5., leg. Bytinski-Salz.  
 Paratypes: 1 ♀ 6 ♂ [1 ♀ 6 ♂].
- Osmia aqabaensis* WARNCKE 1991. Linzer biol. Beitr. 23: 326.  
 Holotype ♂: 80 km NO Aqaba (Straße nach Amman), Jordanien, 11.4.89, leg. Gusenleitner.  
 Paratypes: 1 ♀ 6 ♂ [1 ♀ 3 ♂].
- Osmia aquila* WARNCKE 1988. Entomofauna, Ansfelden 9: 13-14, 40-42, 44.  
 Holotype ♂: Madenşehir, Konya, 1300 m, Türkei, 22.6.84, leg. Warncke.  
 Paratypes: 15 specimens [5 ♀ 5 ♂].  
 Etymology: *Aquila* (Eagle, Adler).
- Osmia aredeola* WARNCKE 1988. Entomofauna, Ansfelden 9: 19-20.  
 Holotype ♀: Alcoutin, Algarve, 9.8.68, leg. Warncke.  
 Paratypes: 3 ♀ [3 ♀].  
 Etymology: *Ardeola ralloides* (Squacco Heron, Rallenreiher).  
 Discussion: In connection with the original description WARNCKE used two spellings of the species name: *O. ardeola* and *O. aredeola*. In both the German and the English abstract the taxon is called *O. ardeola*. All type specimens are labelled "*Osmia ardeola*", too. *O. ardeola* is considered as the correct name. Probably WARNCKE referred to herons (latin: *Ardeola*), when he chose this name. In the headline of the original description WARNCKE used the name *O. aredeola*, which is regarded as a type error.

*Osmia aristotelis* WARNCKE 1990. Entomofauna, Ansfelden 11: 482-486.

Holotype ♂: Agadir, 4.2.88, leg. Perraudin.

Paratypes: 2 ♀ ♀ 6 ♂ ♂ [2 ♀ ♀ 5 ♂ ♂].

Etymology: *Phalacrocorax aristotelis* (Shag, Krähenscharbe).

*Osmia avedata* WARNCKE 1992. Linzer biol. Beitr. 24: 894-895, 897, 901-903.

Holotype ♀: Avedat, Israel, 10.4.90, leg. Warncke.

Paratypes: 4 specimens [2 ♀ ♀ 2 ♂ ♂].

*Osmia avosetta* WARNCKE 1988. Entomofauna, Ansfelden 9: 394-397.

Holotype ♀: Erçek, Van, Türkei, 9.6.77, leg. Warncke.

Paratypes: 54 specimens [20 ♀ ♀ 23 ♂ ♂].

Etymology: *Recurvirostra avosetta* (Avocet, Säbelschnäbler).

*Osmia bassana* WARNCKE 1991. Linzer biol. Beitr. 23: 313-314.

Holotype ♀: 70 km O Tata, Marokko, 29.3.86, leg. Warncke.

Paratypes: 30 specimens [10 ♀ ♀ 2 ♂ ♂].

Etymology: *Sula bassana* (Gannet, Baßtölpel).

*Osmia benoisti* ssp. *gregaria* WARNCKE 1992. Linzer biol. Beitr. 24: 116.

Holotype ♂: 30 km N Ksar-es-Souk, Marokko, 5.4.86, leg. Warncke.

Paratypes: 47 specimens [18 ♀ ♀ 16 ♂ ♂].

Etymology: *Chettusia gregaria* (Sociable Plover, Steppenkiebitz).

*Osmia breviata* WARNCKE 1988. Entomofauna, Ansfelden 9: 14-15, 40-43.

Holotype ♀: Madenşehir, Konya, Türkei, 20.6.73, leg. Warncke.

Paratypes: 8 specimens [1 ♀ ♀ 4 ♂ ♂].

*Osmia brevispora* WARNCKE 1992. Linzer biol. Beitr. 24: 104-106, 110.

Holotype ♂: Irherm, Marokko, 20.4.90, leg. Halada.

Paratypes: 9 specimens [1 ♀ ♀ 8 ♂ ♂].

*Osmia cadiza* WARNCKE 1991. Entomofauna, Ansfelden 12: 20-21.

Holotype ♀: Jimena de la Frontiera NW, Cadiz, Spanien, 20.6.87, leg. Schwarz.

Paratypes: 9 ♀ ♀ 4 ♂ ♂ [4 ♀ ♀ 3 ♂ ♂].

*Osmia cercomela* WARNCKE 1991. Linzer biol. Beitr. 23: 314-315.

Holotype ♀: 80 km NO Aqaba (Straße n. Amman), Jordanien, 15.4.89, leg. Gusenleitner.

Paratypes: 3 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].

Etymology: *Cercomela melanura* (Blackstart, Schwarzschnanz).

*Osmia christae* WARNCKE 1991. Linzer biol. Beitr. 23: 487-488.

Holotype ♀: Giv ot Loven, 13 km S Paran in der Negev-Wüste, Israel, 25.5.91, leg. Warncke.

Paratypes: 4 ♀ ♀ 25 ♂ ♂ [4 ♀ ♀ 25 ♂ ♂].

Etymology: Warncke called this species in honor of his second wife Christa Warncke *O. christae*.

*Osmia chrysaetos* WARNCKE 1988. Entomofauna, Ansfelden 9: 15-16, 40-43.

Holotype ♀: S Vargös im Mt. Sat in 1800 m, Hakkari, Türkei, 17.6.84, leg. Warncke.

Paratypes: 7 specimens [1 ♀ 5 ♂].

Etymology: *Aquila chrysaetos* (Golden Eagle, Steinadler).

*Osmia chukar* WARNCKE 1991. Linzer biol. Beitr. 23: 309-311, 316-317.

Holotype ♂: W Serpil in 1880 m, Mt.Çilo, Hakkari, Türkei, 8.8.82, leg. Warncke.

Paratypes: 26 specimens [12 ♀ 13 ♂].

Etymology: *Alectoris chukar* (Chukar, Chukarhuhn).

*Osmia cinerea* WARNCKE 1988. Entomofauna, Ansfelden 9: 17-18, 40-43.

Holotype ♀: 25 km NW Yüsekova in 2200 m, Hakkari, Türkei, 30.5.80, leg. Warncke.

Paratypes: 9 specimens [5 ♀ 1 ♂].

Etymology: *Ardea cinerea* (Grey Heron, Graureiher).

*Osmia claviventris* ssp. *columba* WARNCKE 1991. Linzer biol. Beitr. 23: 717.

Holotype ♀: Noguera, Sierra de Albaracin, Prov.Teruel, 1600 m, 3.-6.8.1980, leg. Schacht.

Paratypes: 8 specimens [6 ♀ 2 ♂].

Etymology: *Columba palumbus* (Woodpigeon, Ringeltaube).

*Osmia clypearis* ssp. *acuta* WARNCKE 1988. Entomofauna, Ansfelden 9: 31-32.

Holotype ♀: 20 km W Sarikamiş, Kars, in 2150 m, 7.8.79, leg. Warncke.

Paratypes: 6 specimens [5 ♀ 1 ♂].

Etymology: *Anas acuta* (Pintail, Spießente).

*Osmia decaocta* WARNCKE 1991. Linzer biol. Beitr. 23: 708-709, 732-733.

Holotype ♀: Erçek, Van, Türkei, 9.6.77, leg. Warncke.

Paratype: 1 ♀ [1 ♂].

Etymology: *Streptopelia decaocta* (Collared Dove, Türkentaube).

*Osmia derasa* ssp. *violetta* WARNCKE 1992. Linzer biol. Beitr. 24: 905.

Holotype ♀: Cap Bon, Tunesien, 25.4.91, leg. Kuhlmann.

Paratypes: 3 specimens [1 ♀ 2 ♂].

*Osmia difficilis* ssp. *clanga* WARNCKE 1988. Entomofauna, Ansfelden 9: 398-399.

Holotype ♂: Alia de las Bojes, Granada, 1200 m, Spanien, 9.5.83, leg. Perraudin.

Etymology: *Aquila clanga* (Spotted Eagle, Schelladler).

*Osmia diomedea* WARNCKE 1988. Entomofauna, Ansfelden 9: 11-12, 40-43.

Holotype ♀: südl. Beytüşşebap in 1300 m, Hakkari, Türkei, 13.6.84, leg. Warncke.

Paratype: 1 ♂ [1 ♂].

Etymology: *Diomedea* (Albatross, Albatros).

*Osmia eburnea* WARNCKE 1991. Linzer biol. Beitr. 23: 708-710, 711-713, 738-739.

Holotype ♀: 10 km W Uludere in 1000 m, Hakkari, Türkei, 4.6.80, leg. Warncke.

Paratypes: 14 specimens [13 ♀ 1 ♂].

Etymology: *Pagophila eburnea* (Ivory Gull, Elfenbeinmöve).

*Osmia elaziga* WARNCKE 1991. Linzer biol. Beitr. 23: 309-310, 320.

Holotype ♂: Elazig, Türkei, 7.6.80, 1300 m, leg. Warncke.

Paratypes: 14 specimens [6 ♀ ♀ 4 ♂ ♂].

Etymology: *Eremophila alpestris* (Shore Lark, Ohrenlerche).

*Osmia elbaba* WARNCKE 1992. Linzer biol. Beitr. 24: 904.

Holotype ♀: Medjez el Bab, Tunesien, 9.4.81, leg. Schmidt.

Paratype: 1 ♀ [1 ♀].

*Osmia eremophila* WARNCKE 1991. Linzer biol. Beitr. 23: 309-311, 317-318.

Holotype ♀: nördlich Mt. Gavaruk in 2900 m, Sat-Geb., Hakkari, Türkei, leg. Warncke [7.8.83].

Paratypes: 21 specimens [14 ♀ ♀ 6 ♂ ♂].

*Osmia frunseensis* WARNCKE 1992. Linzer biol. Beitr. 24: 918-919.

Holotype ♀: Alla Arca, 50 km S Frunse, Kirgisien, 7.7.81 leg. Kocourek.

Paratypes: 10 specimens [5 ♀ ♀ 5 ♂ ♂].

*Osmia fulica* WARNCKE 1991. Linzer biol. Beitr. 23: 309-310, 312-313.

Holotype ♀ [♂]: Erçis, Van, Türkei, 1650 m, 27.5.83, leg. Warncke.

Paratypes: 2 ♀ ♀ 5 ♂ ♂ [2 ♀ ♀ 5 ♂ ♂].

Etymology: *Fulica atrata* (Coot, Bleßhuhn).

Discussion: Warncke has designated a male, not a female specimen as the holotype in his collection.

*Osmia galbula* WARNCKE 1991. Linzer biol. Beitr. 23: 712-713, 736-737.

Holotype ♂: 15 km NW Yüksekova in 1500 m/Hakkari, Türkei, 5.6.78, leg. Holzschuh.

Paratypes: 2 ♂ ♂ [1 ♂].

Etymology: *Oriolus galbula* (syn. *O. oriolus*) (Golden Oriole, Pirol).

*Osmia galerida* WARNCKE 1991. Linzer biol. Beitr. 23: 268-269, 274-275.

Holotype ♂: Anamuryon, Icel, Türkei, 22.4.84, leg. Warncke.

Paratypes: 21 specimens [6 ♀ ♀ 14 ♂ ♂].

Etymology: *Galerida cristata* (Crested Lark, Haubenlerche).

*Osmia gallinula* WARNCKE 1991. Entomofauna, Ansfelden 12: 15, 16, 19-20.

Holotype ♂: 20 km N Ceylanpinar, Urfa, Türkei, 500 m, 24.5.83, leg. Warncke.

Paratypes: 7 ♀ ♀ 22 ♂ ♂ [7 ♀ ♀ 20 ♂ ♂].

Etymology: *Gallinula chloropus* (Moorhen, Teichhuhn).

*Osmia garrula* WARNCKE 1991. Linzer biol. Beitr. 23: 268, 271.

Holotype ♀: 20 km W Sarikamış, Kars, 1.8.83, in 2200 m, Türkei, leg. Warncke.

Paratypes: 29 specimens [12 ♀ ♀ 12 ♂ ♂]

Etymology: *Coracias garrulus* (Roller, Blauracke).

*Osmia garzetta* WARNCKE 1991. Linzer biol. Beitr. 23: 708-709, 711, 730-731.

Holotype ♂: Nemrut Dag in 2850 m, Bitlis, Türkei, 8.8.86, leg. Warncke.

Paratypes: 52 specimens [15 ♀ ♀ 22 ♂ ♂].

Etymology: *Egretta garzetta* (Little Egret, Seidenreiher).

- Osmia gentilis* WARNCKE 1991. Linzer biol. Beitr. 23: 309-310, 320-321.  
 Holotype ♂: Sille bei Konya, Türkei, 9.-17.6.75, leg. Heinrich.  
 Paratype: 1 ♀ [1 ♀].  
 Etymology: *Accipiter gentilis* (Goshawk, Habicht).
- Osmia gerofita* WARNCKE 1990. Entomofauna, Ansfielden 11: 482-483, 487-488.  
 Holotype ♀: Har Sha'alav, 13 km N Gerofit, Israel, 18.4.90, leg. Warncke.  
 Paratype: 1 ♀ [1 ♀].
- Osmia glareola* WARNCKE 1988. Entomofauna, Ansfielden 9: 393-394, 396-397.  
 Holotype ♀: Erçek, Van, Türkei, 10.6.77, leg. Warncke.  
 Paratypes: 11 specimens [9 ♀ ♀ 1 ♂].  
 Etymology: *Glareola pratincola* (Collared Pratincole, Rotflügel-Brachschalbe).  
 Discussion: In his key WARNCKE erroneously called this taxon *glariola*.
- Osmia goulemina* WARNCKE 1991. Entomofauna, Ansfielden 12: 18.  
 Holotype ♀: 10 km W Goulemine, Marokko, 24.3.86, leg. Warncke.
- Osmia gusenleitneri* WARNCKE 1991. Linzer biol. Beitr. 23: 323.  
 Holotype ♀: Oukaimeden in 2600-2800 m, Hoher Atlas, Marokko, 8.7.75, leg. J. Gusenleitner.
- Osmia gutturalis* WARNCKE 1988. Entomofauna, Ansfielden 9: 21-23.  
 Holotype ♀: südl. Vargös im Mt. Sat in 2000 m, Hakkari, Türkei, 18.6.84, leg. Warncke.  
 Paratypes: 20 specimens [10 ♀ ♀ 4 ♂ ♂].  
 Etymology: *Irania gutturalis* (White-throated Robin, Weißkehlsänger).
- Osmia heliaca* WARNCKE 1988. Entomofauna, Ansfielden 9: 16-17, 40-41.  
 Holotype ♀: südl. Vargös im Mt. Sat in 2000 m/Hakkari, Türkei, 18.6.84, leg. Warncke.  
 Etymology: *Aquila heliaca* (Imperial Eagle, Kaiseradler).
- Osmia hermona* WARNCKE 1992. Linzer biol. Beitr. 24: 894-898, 906-907.  
 Holotype ♂: Mt. Hermon in 2050 m, Israel, 31.5.91, leg. Warncke.  
 Paratypes: 27 specimens [9 ♀ ♀ 18 ♂ ♂]
- Osmia hierichonica* ssp. *wolfi* WARNCKE 1991. Linzer biol. Beitr. 23: 316.  
 Holotype ♂: 30 km W Quarzazate, Marokko, 7.4.80, leg. Warncke.  
 Paratypes: 5 ♀ ♀ 3 ♂ ♂ [6 ♀ ♀ 2 ♂ ♂].  
 Discussion: The holotype is labelled as "*Osmia wolfi* WAR.". The collection localities and the number of paratypes are differing from the published data.
- Osmia hoggara* WARNCKE 1992. Linzer biol. Beitr. 24: 104-105, 106, 109.  
 Holotype ♂: Guelta bei Ilamane in 1900 m/Hoggar, Algerien, 29.3.89, leg. Warncke.  
 Paratypes: 106 specimens [30 ♀ ♀ 25 ♂ ♂].
- Osmia idaensis* WARNCKE 1991. Linzer biol. Beitr. 23: 309-310, 317.  
 Holotype ♂: Ida-Geb. in 2100 m, Kreta, 14.6.76, leg. Warncke.  
 Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].



*Osmia iranica* WARNCKE 1991. Linzer biol. Beitr. 23: 739-740.

Holotype ♂: Paß O Neyriz in 2060 m, Fars, Iran, 18.5.78, leg. Warncke.

Paratypes: 1 ♀ 6♂♂ [1 ♀ 6♂♂].

*Osmia isabellina* WARNCKE 1991. Linzer biol. Beitr. 23: 268-269, 272-273.

Holotype ♀: 10 km W Uludere, Hakkari, Türkei, 4.6.80, leg. Warncke.

Paratypes: 3 ♀♀ 2♂♂ [3 ♀♀ 2♂♂].

Etymology: *Oenanthe isabellina* (Isabelline Wheatear, Isabellsteinschmätzer).

*Osmia jheringii* ssp. *hirundo* WARNCKE 1992. Linzer biol. Beitr. 24: 107-108.

Holotype ♂: 50 km SO Taroudannt, Straße nach Irherm, Marokko, 28.3.87, leg. Gusenleitner.

Paratypes: 4 specimens [2 ♀♀ 2♂♂].

Etymology: *Hirundo rustica* (Swallow, Rauchschwalbe).

*Osmia jheringii* ssp. *urbica* WARNCKE 1992. Linzer biol. Beitr. 24: 108.

Holotype ♂: 30 km SO Zaghuan, Tunesien, 19.4.81, leg. Schwarz.

Paratypes: 2 specimens [2♂♂].

Etymology: *Delichon urbica* (House Martin, Mehlschwalbe).

*Osmia jordanica* WARNCKE 1991. Entomofauna, Ansfelden 12: 402, 406-407.

Holotype ♂: Fidan, 125 km N Aqaba, Jordanien, 6.4.89, leg. Gusenleitner.

Paratypes: 1 ♀ 4♂♂ [1 ♀ 3♂♂].

*Osmia kotschisa* WARNCKE 1991. Entomofauna, Ansfelden 12: 402-404.

Holotype ♂: Sereflikochisar, Ankara, Türkei, 22.6.86, leg. Kreisch.

Paratypes: 2 ♀♀ 3♂♂ [2 ♀♀ 3♂♂].

*Osmia minutissima* WARNCKE 1991. Entomofauna, Ansfelden 12: 402-405.

Nom. nov. pro *Osmia minima* SCHULTHESS 1924, nec *Osmia florissomnis* ssp. *minima* (CHRIST 1791).

*Osmia monacha* WARNCKE 1991. Linzer biol. Beitr. 23: 716.

Nom. nov. pro *Osmia caulicola* COCKERELL 1934, nec *Apis caulicola* SCHRANK 1802.

Etymology: *Oenanthe monacha* (Hooded Wheatear, Kappensteinschmätzer).

*Osmia morinella* WARNCKE 1991. Linzer biol. Beitr. 23: 714.

Holotype ♀: 20 km O Reschen Pojom, Pendjikent, Tadjikistan, 29.6.81, leg. Kocourek.

Paratype: 1 ♀ [1 ♀].

Etymology: *Charadrius morinellus* (Dotterel, Mornellregenpfeifer).

*Osmia mutica* WARNCKE 1991. Linzer biol. Beitr. 23: 309-311, 319-320.

Holotype ♂: Madensehir in 1300 m, Konya, Türkei, 23.6.84, leg. Warncke.

Paratypes: 23 specimens [6 ♀♀ 6♂♂].

*Osmia nigricollis* WARNCKE 1992. Linzer biol. Beitr. 24: 894-895, 897, 900.

Holotype ♀: Semdinli in 1700 m, Hakkari, Türkei, 12.6.81 leg. Warncke.

Paratypes: 9 specimens [6 ♀♀ 2♂♂].

Etymology: *Podiceps nigricollis* (Black-necked Grebe, Schwarzhalstaucher).

- Osmia nisa* WARNCKE 1991. Linzer biol. Beitr. 23: 329.  
 Holotype ♀: 10 km SW Akka, Marokko, 28.3.86, leg. Warncke.  
 Paratypes: 69 specimens [18 ♀ ♀ 14 ♂ ♂].
- Osmia ochruros* WARNCKE 1991. Linzer biol. Beitr. 23: 322-323.  
 Holotype ♀: 20 km SO Erfoud/Marokko, 4.4.86, leg. Warncke.  
 Paratypes: 14 Ex. [6 ♀ ♀ 1 ♂].  
 Etymology: *Phoenicurus ochruros* (Black Redstart, Hausrotschwanz).
- Osmia ochruros* ssp. *crecca* WARNCKE 1991. Linzer biol. Beitr. 23: 323.  
 Holotype ♀: 20 km N Sfax/Tunesien, 18.4.81, leg. Schwarz.  
 Etymology: *Anas crecca* (Teal, Krickente).
- Osmia ocularis* WARNCKE 1988. Entomofauna, Ansfielden 9: 7-8, 40, 42.  
 Holotype ♀: Altin Daglari (= Suvari-Halil-Paß), Hakkari, 2600-3000 m, Türkei, 13.8.79, leg. Warncke.  
 Paratypes: 16 specimens [7 ♀ ♀ 5 ♂ ♂].  
 Etymology: *Prunella ocularis* (Radde's Accentor, Steinbraunelle).
- Osmia onocrotala* WARNCKE 1988. Entomofauna, Ansfielden 9: 32-33.  
 Holotype ♀: 20 km W Sarikamiş in 2200 m, Kars, 1.8.83, leg. Warncke.  
 Paratypes: 8 specimens [5 ♀ ♀ 1 ♂].  
 Etymology: *Pelecanus onocrotalus* (White Pelican, Rosapelikan).
- Osmia oramara* WARNCKE 1992. Linzer biol. Beitr. 24: 894, 908-909.  
 Holotype ♀: Oramar in 1500 m, Hakkari, Türkei, 16.6.84, leg. Warncke.  
 Paratypes: 4 specimens [4 ♀ ♀].
- Osmia parana* WARNCKE 1991. Linzer biol. Beitr. 23: 328.  
 Holotype ♀: Giv ot Loven, 13 km S Paran, Israel, 18.4.90, leg. Warncke.  
 Paratypes: 24 specimens [11 ♀ ♀ 13 ♂ ♂].
- Osmia pennata* WARNCKE 1988. Entomofauna, Ansfielden 9: 13, 40-42, 44.  
 Holotype ♂: Sertavul, Icel, 1400 m, Türkei, leg. Schwarz.  
 Paratypes: [2 ♀ ♀ 1 ♂].  
 Etymology: *Hieraaetus pennatus* (Booted Eagle, Zwergadler).
- Osmia peregrina* WARNCKE 1988. Entomofauna, Ansfielden 9: 12-13, 40-42, 44.  
 Holotype ♂: Birecik, Urfa, Türkei. 19.4.84, leg. Warncke.  
 Paratype: 1 ♀ [1 ♀].  
 Etymology: *Falco peregrinus* (Peregrine, Wanderfalke).
- Osmia persica* WARNCKE 1991. Linzer biol. Beitr. 23: 324-325.  
 Holotype ♂: Steppa pressa Chitgar, 18 km W Teheran, 27.6.65, leg. G. Soika & Mavromoustakis.  
 Paratypes: 41 specimens [7 ♀ ♀ 31 ♂ ♂].

*Osmia pinkeunia* WARNCKE 1991. Linzer biol. Beitr. 23: 725-726.

Holotype ♂: Hissar-Geb., N Duschambe in 2000 m, Tadjikistan, 20.6.90, leg. Halada.

Etymology: The very young Jochen Warncke called the lamps standing at the side of the streets "pinkeun".

*Osmia platalea* WARNCKE 1990. Entomofauna, Ansfelden 11: 482-485.

Holotype ♀: 30 km W Quarzazate, Marokko, 7.4.80, leg. Warncke.

Paratypes: 6 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].

Etymology: Platalea (Spoonbill, Löffler).

*Osmia polkruga* WARNCKE 1992. Linzer biol. Beitr. 24: 894-895, 915.

Holotype ♀: 80 km NO Aqaba, Straße nach Amman, Jordanien, 8.4.89, leg. Gusenleitner.

*Osmia pomarina* WARNCKE 1991. Entomofauna, Ansfelden 12: 15, 16, 22-23.

Holotype ♂: Erçis, Van, 1600 m, Türkei, leg. Warncke.

Paratypes: 5 ♀ ♀ 9 ♂ ♂ [4 ♀ ♀ 5 ♂ ♂].

Etymology: *Aquila pomarina* (Lesser Spotted Eagle, Schreiadler).

*Osmia pratincola* WARNCKE 1988. Entomofauna, Ansfelden 9: 392-393, 396-397.

Holotype ♀: 20 km N Patmos, Agri, 1650 m, Türkei, 19.6.84, leg. Warncke.

Paratypes: 4 specimens [2 ♀ ♀ 2 ♂ ♂].

Etymology: *Glareola pratincola* (Collared Pratincole, Rotflügel-Brachschalbe).

*Osmia punica* ssp. *irherma* WARNCKE 1992. Linzer biol. Beitr. 24: 905.

Holotype ♀: 50 km OSO Marrakesch, Marokko, 8.4.80, leg. Warncke.

Paratypes: 3 specimens [3 ♀ ♀].

*Osmia pustina* WARNCKE 1991. Entomofauna, Ansfelden 12: 16-17.

Nom. nov. pro *Osmia moricei* FRIESE 1899, nec (FRIESE 1897).

*Osmia ramona* WARNCKE 1992. Linzer biol. Beitr. 24: 894-895, 903.

Holotype ♀: Wadi Ramon, 6km O Mizpe Ramon, Israel, 11.4.90, leg. Warncke.

Paratype: 1 ♀ [1 ♀].

*Osmia rhodoensis* ssp. *arquata* WARNCKE 1988. Entomofauna, Ansfelden 9: 391-392.

Holotype ♀: südlich Rize, Türkei, in 1800 m, 31.7.83, leg. Warncke.

Paratypes: 27 specimens [12 ♀ ♀ 4 ♂ ♂].

Etymology: *Numenius arquata* (Curlew, Brachvogel).

*Osmia rhodoensis* ssp. *ferina* WARNCKE 1988. Entomofauna, Ansfelden 9: 391.

Holotype ♀: Delphi, Griechenland, 11.4.1963, leg. Warncke.

Paratypes: 2 ♂ ♂ [2 ♂ ♂].

Etymology: *Aythya ferina* (Pochard, Tafelente).

*Osmia ridibunda* WARNCKE 1991. Entomofauna, Ansfelden 12: 15, 16, 20.

Holotype ♂: Antakya, Türkei, 26.5.70, leg. Gusenleitner.

Paratypes: 10 ♂ ♂ [2 ♀ ♀ 6 ♂ ♂].

Etymology: *Larus ridibundus* (Black-headed Gull, Lachmöve).

Discussion: The paratypes from "Elazig 7.6.80 leg. Schwarz" are female, not male specimens.

*Osmia samarkanda* WARNCKE 1991. Linzer biol. Beitr. 23: 318-319.

Holotype ♂: Aman Kutan, 35 km N Samarkand, Usbekistan, 30.6.81, leg. Kocourek.

Paratype: 1♂ [1♂].

*Osmia saxatilis* WARNCKE 1988. Entomofauna, Ansfelden 9: 5-6, 40, 42.

Holotype ♀: 20 km W Karakurt im Arastal/Türkei, 6.6.1981, 1600 m, leg. Warncke.

Paratypes: 16 Ex. [5♀ 6♂].

Etymology: *Monticola saxatilis* (Rock Thrush, Steinrötel).

*Osmia saxicola* ssp. *riemanni* WARNCKE 1992. Linzer biol. Beitr. 24: 908.

Holotype ♀: Malia, 32km O Heraklion, Kreta, 12.4.90, leg. Riemann.

Paratypes: 4♀ [2♀].

*Osmia segura* WARNCKE 1991. Linzer biol. Beitr. 23: 327.

Holotype ♀: Wadi Segur, 40 km NW Eilat, Israel, 17.4.90 leg. Warncke.

Paratypes: 16 specimens [14♀ 2♂].

*Osmia simplicata* WARNCKE 1991. Linzer biol. Beitr. 23: 714-715.

Holotype ♂: 20 km W Tawil-Dara in 2000 m, Tadjikistan, 15.-16.6.90, leg. Halada.

Paratypes: 13 specimens [6♀ 3♂].

*Osmia stellaris* WARNCKE 1991. Linzer biol. Beitr. 23: 711, 731-732.

Holotype ♂: 30 km S Başkale in 1700 m, Van, 9.6.81, leg. Kraus.

Paratypes: 2♂ [1♂].

*Osmia strepera* WARNCKE 1991. Entomofauna, Ansfelden 12: 17.

Holotype ♀: 50 km SW Akka, Marokko, 27.3.86, leg. Warncke.

Paratypes: 26 specimens [18♀ 8♂].

Etymology: *Botaurus stellaris* (Bittern, Rohrdommel).

*Osmia subbutea* WARNCKE 1991. Linzer biol. Beitr. 23: 708-711, 712, 733-734.

Holotype ♂: Suvari-Halil-Paß in 1900 m, Hakkari, Türkei, 1.6.80, leg. Warncke.

Paratypes: 15 specimens [4♀ 8♂].

Etymology: *Falco subbuteo* (Hobby, Baumfalke).

*Osmia submicans* ssp. *lanzarotae* WARNCKE 1992. Linzer biol. Beitr. 24: 911.

Holotype ♀: Penas del Chache, Lanzarote, 19.2.-14.3.79, leg. Perraudin.

Paratypes: 3♀ [3♀].

*Osmia tadjika* WARNCKE 1992. Linzer biol. Beitr. 24: 901.

Holotype ♀: 20 km W Tawil-Dara in 2000 m, Tadjikistan, 15.-16.6.90 leg. Halada.

Paratype: 1♀ [1♀].

*Osmia tagmouta* WARNCKE 1991. Entomofauna, Ansfelden 12: 402-403, 405-406.

Holotype ♂: Tagmout N, Marokko, 26.3.86, leg. Warncke.

Paratypes: 22 specimens [7♀ 6♂].

- Osmia tavildara* WARNCKE 1992. Linzer biol. Beitr. 24: 894-895, 900-901.  
Holotype ♀: 20 km W Tawil-Dara in 2000 m, Tadjikistan, 15.-16.6.90, leg. Halada.  
Paratypes: 1 ♀ [1 ♀].
- Osmia torquata* WARNCKE 1988. Entomofauna, Ansfielden 9: 8-9, 40, 42.  
Holotype ♀: Suvari-Halil-Paß in 2800 m, Hakkari, Türkei, 14.6.84, leg. Warncke.  
Paratypes: 2 ♀ ♀ 6 ♂ ♂ [2 ♀ ♀ 7 ♂ ♂].  
Etymology: *Saxicola torquata* (Stonechat, Schwarzkehlchen).
- Osmia torquilla* WARNCKE 1991. Linzer biol. Beitr. 23: 268, 272.  
Holotype ♀: Suvari-Halil-Paß in 2300 m, östl. Beytüşşebap, Hakkari, Türkei, 3.8.82, leg. Warncke.  
Paratypes: 105 Ex. [22 ♀ ♀ 61 ♂].  
Etymology: *Jynx torquilla* (Wryneck, Wendehals).
- Osmia tichodroma* WARNCKE 1992. Linzer biol. Beitr. 24: 894-897, 912.  
Nom. nov. pro *Osmia laticauda* STANEK 1969, nec *O. (Heriades) laticauda* (BENOIST 1938).  
Etymology: *Tichodroma muraria* (Wallcreeper, Mauerläufer).
- Osmia tringa* WARNCKE 1991. Entomofauna, Ansfielden 12: 15, 16, 21-22.  
Holotype ♂: Elazig in 1300 m, Türkei, 7.6.80, leg. Warncke.  
Paratypes: 3 ♀ ♀ 9 ♂ ♂ [2 ♀ ♀ 6 ♂ ♂].  
Etymology: *Tringa* (Sandpiper, Wasserläufer).
- Osmia tunica* WARNCKE 1991. Linzer biol. Beitr. 23: 323-324.  
Holotype ♂: Nefta, Tunesien, 14.4.81, leg. Schwarz.  
Paratype: 1 ♂.
- Osmia uncaticornis* ssp. *cursoria* WARNCKE 1991. Linzer biol. Beitr. 23: 309-310, 321.  
Holotype ♂: 20 km SO Harran in 500 m, Urfa, Türkei, 19.6.81, leg. Warncke.  
Paratypes: 13 specimens [3 ♀ ♀ 7 ♂ ♂].  
Etymology: *Cursorius cursor* (Cream-coloured Cursor, Rennvogel).
- Osmia ventralis* ssp. *schachti* WARNCKE 1988. Entomofauna, Ansfielden 9: 31.  
Holotype ♀: Oukaimeden in 2500 m, Hoher Atlas, Marokko, 27.-28.6.87, leg. Schacht.  
Paratypes: 5 ♀ ♀ [2 ♀ ♀].
- Osmia versicolor* ssp. *viricephala* WARNCKE 1992. Linzer biol. Beitr. 24: 916.  
Holotype ♀: Efes/Aydin, Türkei, 24.4.81, leg. Warncke.  
Paratypes: 105 specimens [19 ♀ ♀ 14 ♂ ♂].  
Discussion: All type specimens are bearing identification labells with the wrong names "*O. versicolor viridicephala* WAR" or "[...] *viricephala*".
- Osmia xanthoprymna* WARNCKE 1991. Linzer biol. Beitr. 23: 708, 721.  
Holotype ♀: Madenşehir, Konya, Türkei, 22.6.84, leg. Warncke.  
Paratypes: 2 ♀ ♀ [1 ♀].  
Etymology: *Oenanthe xanthoprymna* (Red-tailed Wheatear, Rostbürzel-Steinschmätzer).

- Osmia zarzisa* WARNCKE 1992. Linzer biol. Beitr. 24: 913-914.  
 Holotype ♂: 30 km S Zarzis, Tunesien, 16.2.92, leg. Warncke.  
 Paratypes: 1 ♀ 10♂♂ [1 ♀ 10♂♂].
- Panurgus abbasi* WARNCKE 1985. Boll. Mus. Civ. Stor. nat., Venezia 34[1983]: 222-223.  
 Holotype ♂: 16 km östl. Bandar Abbas in den Dünen, Iran, 11.4.1972, leg. Ressler.
- Panurgus aegyptiacus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 66-67.  
 Holotype ♀: Gabal Elba, W. Alder, 1.1933.  
 Paratypes: 2 ♀♀ [2 ♀♀].
- Panurgus anatolicus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 98-100.  
 Holotype ♂: Kirikkale, Türkei, 29.5.1964, leg. Gusenleitner.  
 Paratypes: [2 ♀♀ 6♂♂].
- Panurgus armeniacus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 62-63.  
 Holotype ♀: Kasikoporan, Russ. Kurdistan, leg. König.  
 Paratypes: [2 ♀♀ 3♂♂].
- Panurgus banksianus* ssp. *dubiosus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 78-79.  
 Holotype ♂: Sevilla, Spanien, 22.5.41, leg. Dusmet.  
 Paratype: [1♂].
- Panurgus brullei* ssp. *bytinski* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 90-92.  
 Holotype ♂: En Feschcha, Israel, 18.3., leg. Bytinski-Salz.  
 Paratypes: [2 ♀♀ 2♂♂].  
 Discussion: Probably WARNCKE called this subspecies in honor of Prof. Bytinski-Salz (Tel-Aviv), who collected the holotype specimen. The name *bytinski* is used in application, thus the termination is nominative not genitive.
- Panurgus brullei* ssp. *clarus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 92-93.  
 Holotype ♂: Horasan, Arastal, Türkei, 16.6.1973, leg. Warncke.
- Panurgus brullei* ssp. *corpanus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 92.  
 Holotype ♂: Adapazari, Türkei, 12.5.1964, leg. Warncke.  
 Paratypes: [3 ♀♀ 7♂♂].
- Panurgus brullei* ssp. *schwarzi* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 92.  
 Holotype ♂: Zachlorou, Peleponnes, 26.5.1964, leg. Schwarz.  
 Paratypes: [1 ♀].
- Panurgus brullei* ssp. *tunensis* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 90-92.  
 Holotype ♂: Hammam Lif, Tunis, Tunesien, 5.4.1962, leg. Grünwaldt.  
 Paratypes: [5 ♀♀ 4♂♂].
- Panurgus buteus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 77.  
 Holotype ♂: Gafsa, Tunesien.  
 Paratypes: [6 ♀♀ 4♂♂].  
 Etymology: *Buteo* (Buzzard, Bussard).

- Panurgus calcaratus* ssp. *lagopus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 86.  
 Holotype ♂: Granada, 14.6.1962.  
 Paratypes: [14 ♀ 12 ♂].  
 Etymology: *Buteo lagopus* (Rough-legged Buzzard, Rauhfußbussard).
- Panurgus cavus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 96-101.  
 Holotype ♂: Horasan, Arastal, Türkei, 16.6.1973, leg. Warncke.  
 Paratypes: 8 ♀ 2 ♂ [8 ♀ 2 ♂].
- Panurgus cinerarius* ssp. *zizus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 89-91.  
 Holotype ♂: 30 km N Ksar-es-Souk, Marokko, 2.4.1980, leg. Warncke.  
 Paratypes: [8 ♀ 12 ♂].
- Panurgus clavatus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 100-101.  
 Holotype ♂: Ulukischla, Türkei, 16.-20.5.1955, leg. Seidenstücker.  
 Paratypes: [4 ♀ 2 ♂].
- Panurgus dargius* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 86.  
 Holotype ♀: Tanger, Marokko.  
 Paratypes: [4 ♀ 2 ♂].
- Panurgus dentipes* ssp. *afghanensis* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 85.  
 Holotype ♂: Jalalabad, Nengrahar, O-Afghanistan, 16.-17.4.1967, leg. Povolny.  
 Discussion: The holotype could not be found in both the collection of the Moravian Land Museum (Lauterer, Bmo, pers. comm.) and in the collection of Warncke.
- Panurgus dentipes* ssp. *avarus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 82.  
 Holotype ♂: Ain Sefra, Algerien.  
 Paratypes: [4 ♀ 3 ♂].  
 Discussion: The taxa *avarus* and *niloticus* have been described as syntopic subspecies.
- Panurgus dentipes* ssp. *canarius* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 81.  
 Holotype ♂: Valle Granadillos, Fuerteventura, 20.4.1934.  
 Paratypes: [2 ♀ 8 ♂].
- Panurgus dentipes* ssp. *catulus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 81.  
 Holotype ♂: Tamlalet el Djedid b. Marrakesch, 7.4.1923, leg. Schulthess.  
 Paratypes: [6 ♀ 6 ♂].
- Panurgus dentipes* ssp. *corsicus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 80.  
 Holotype ♂: Monte Oro, Corse, 26.7.1930, leg. Nadig.  
 Paratypes: [4 ♀ 5 ♂].
- Panurgus dentipes* ssp. *cyrenaikensis* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 84.  
 Holotype ♂: Latrun, Cyrenaika, 14.4.1954, leg. Guichard [coll. British Museum (Natural History) Entomology, London].  
 Paratypes: [1 ♀ 4 ♂].

- Panurgus dentipes* ssp. *niloticus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 81.  
Holotype ♂: Ain Sefra, Algerien, leg. Bleuse.  
Paratypes: [2 ♀ ♀ 2 ♂ ♂].  
Etymology: *Gelochelidon nilotica* (Gull-billed Tern, Lachseeschwalbe).  
Discussion: The taxa *avarus* and *niloticus* have been described as syntopic subspecies.
- Panurgus dentipes* ssp. *oblitus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 85.  
Holotype ♂: Birecik, Urfa, 17.5.1967, leg. Gusenleitner.  
Paratypes: [3 ♀ ♀ 5 ♂ ♂].
- Panurgus dentipes* ssp. *posticus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 84-85.  
Holotype ♂: Antakya, Hatay, 1.5.1964, leg. Warncke.  
Paratypes: [9 ♀ ♀ 8 ♂ ♂].
- Panurgus dentipes* ssp. *sidensis* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 88.  
Holotype ♂: im Pinienwald bei Side, Antalya, 27.4.1973, leg. Warncke.  
Paratypes: [3 ♀ ♀ 6 ♂ ♂].
- Panurgus desertus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 101.  
Holotype ♂: 30 km W Quarzazate, Marokko, 7.4.1980, leg. Warncke.  
Paratypes: 8 ♀ ♀ 13 ♂ ♂ [8 ♀ ♀ 13 ♂ ♂].
- Panurgus farinosus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 75-76.  
Holotype ♂: Algerien, Quedenfeldt.  
Paratypes: [3 ♂ ♂].
- Panurgus flavofasciatus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 71-72.  
Holotype ♂: Taguin, Algerien.  
Paratypes: 2 ♂ ♂ [2 ♂ ♂].
- Panurgus friesei* ssp. *densus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 64.  
Holotype ♀: Karatas, Türkei, 8.6.1960, leg. Guichard & Harvey [coll. British Museum (Natural History) Entomology, London].  
Paratypes: [1 ♀ 8 ♂ ♂].
- Panurgus friesei* ssp. *euzonus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 64.  
Holotype ♀: Tiermas, Zaragoza, 8.1932, leg. Dusmet.  
Paratypes: [5 ♀ ♀ 9 ♂ ♂].
- Panurgus frontalis* ssp. *triticus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 63.  
Holotype ♀: Konya, Turkey, 23.7.1971, leg. Warncke.  
Paratypes: [5 ♀ ♀ 8 ♂ ♂].
- Panurgus granadensis* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 84-86.  
Holotype ♂: Sierra Nevada, 1400 m bei Granada, Spanien, 3.7.1971, leg. Haeseler.  
Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].



- Panurgus ibericus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 70.  
 Holotype ♀: Toledo, Spanien, 10.6.1906.  
 Paratypes: [5 ♀ ♀].
- Panurgus ibericus* ssp. *kastiliensis* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 86-87.  
 Holotype ♂: Batuecas, Salamanca, Spanien, 13.-15.5.1976, leg. Asenio.  
 Paratypes: 2 ♀ ♀ 2 ♂ ♂ [2 ♀ ♀ 2 ♂ ♂].
- Panurgus impressus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 95-97.  
 Holotype ♂: Jericho, Israel, 10.3.1931, leg. Bodenheimer.  
 Paratypes: [6 ♀ ♀ 2 ♂ ♂].
- Panurgus iranellus* WARNCKE 1985. Boll. Mus. Civ. Stor. nat., Venezia 34 [1983]: 224.  
 Nom. nov. pro *Camptopoeum iranicum* POPOV 1967, nec *Epimethea iranica* POPOV 1967.
- Panurgus longicephalus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36 [1985]: 83-84.  
 Holotype ♀: Adzhirgan, Oberlauf des Amu-Darja, 15.9.34, leg. Zhelochowzew.  
 Paratypes: 1 ♀ 2 ♂ ♂ [1 ♀ 2 ♂ ♂].
- Panurgus minor* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 105.  
 Holotype ♂: Tarroudant, 12.5.70, leg. de Chenon.  
 Paratypes: [2 ♀ ♀ 2 ♂ ♂].
- Panurgus minutulus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36 [1985]: 95-96.  
 Holotype ♂: 20 km N Patnos, 1650 m, Agri, Türkei, 29.5.80, leg. Warncke.  
 Paratypes: 207 specimens [39 ♀ ♀ 94 ♂ ♂].
- Panurgus montanus* ssp. *alpinus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 93.  
 Holotype ♂: Lautaret.  
 Paratypes: [1 ♀ 1 ♂].
- Panurgus montanus* ssp. *sericatus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 93.  
 Holotype ♂: Andermatt, Schweiz, 9.7.1884, leg. Friese.  
 Paratypes: [2 ♀ ♀ 2 ♂ ♂].
- Panurgus montanus* ssp. *ponticus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 95.  
 Holotype ♂: Amasia, 1860, leg. Mann.  
 Paratypes: [1 ♂].
- Panurgus nadigi* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 61-62.  
 Holotype ♂: Meknes, Marokko, 16.-17.7.1931, leg. Nadig.  
 Paratypes: [4 ♀ ♀ 2 ♂ ♂].
- Panurgus negevensis* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 65-66.  
 Holotype ♀: Beersheva, Israel, 15.4., leg. Bytinski-Salz.  
 Paratypes: 3 ♂ ♂ [2 ♂ ♂].

*Panurgus nigriscopus* ssp. *trigonus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 75.

Holotype ♂: En Gedi, Israel, 9.4., leg. Bytiski-Salz.

Paratypes: [4 ♀ ♀ 3 ♂ ♂].

*Panurgus nigrotus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 75-78.

Holotype ♂: westl. Çiftehane in 1000 m, Nigde, Türkei, 20.6.81, leg. Warncke.

Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].

*Panurgus orientalicus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 97-98.

Holotype ♂: Bethlehem, Israel, 8.4.1899.

Paratypes: [6 ♀ ♀ 4 ♂ ♂].

*Panurgus ovatulus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 73-74.

Holotype ♂: Mogador, Marokko, 5.1907, leg. Escalera.

Paratypes: [1 ♀ 11 ♂ ♂].

*Panurgus phyllopodus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 67-69.

Holotype ♂: Madrona, Segovia, 30.7.1968, leg. Warncke.

Paratypes: 4 ♂ ♂ [4 ♂ ♂].

*Panurgus pseudoruber* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36 [1985]: 81-82.

Holotype ♀: Marrakesch, Marokko, 18.-20.5.1950, leg. Verhoeff.

*Panurgus ruber* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36 [1985]: 75-76, 80-81.

Holotype ♂: 20 km nordwestl. Şirnak, 1500 m, Siirt, Türkei, 5.6.1980, leg. Warncke.

Paratypes: [43 ♀ ♀ 22 ♂ ♂].

*Panurgus rufiventris* ssp. *khuzestanus* WARNCKE 1985. Boll. Mus. Civ. Stor. nat., Venezia 34 [1983]: 224.

Holotype ♀: Choca Zambil bei Haft Tapeh/Khuzestan, 29.6.-1.7.1965, leg. Soika & Mavromoustakis.

*Panurgus sculpturatus* ssp. *balcanicus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 102.

Holotype ♂: Larisa, Griechenland, 13.4.1962, leg. Warncke.

Paratypes: [5 ♀ ♀ 5 ♂ ♂].

*Panurgus sculpturatus* ssp. *magnus* WARNCKE 1972. Bull. ent. Pologne, Wrocław 42: 101.

Holotype ♂: Sereflikoschisar, Türkei, 17.5.1970, leg. Warncke.

Paratypes: [5 ♀ ♀ 8 ♂ ♂].

*Panurgus stylus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36 [1985]: 96-100.

Holotype ♂: 20 km N Yeşilhisar, Kayseri, Türkei, 25.5.1980, leg. Warncke.

Paratypes: 13 specimens [10 ♀ ♀ 3 ♂ ♂].

*Panurgus subflavus* WARNCKE 1987. Boll. Mus. Civ. Stor. nat., Venezia 36[1985]: 75-77, 79-80.

Holotype ♂: 15km westl. Siirt, 650 m, Türkei, 6.6.1980, leg. Warncke.

Paratypes: [11 ♀ ♀ 9 ♂ ♂].

- Panurgus variegatus* ssp. *berberus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 60.  
Holotype ♀: Biskra, Algerien, 27.5.1891, leg. Handlirsch.  
Paratypes: [1 ♀ 1 ♂].
- Panurgus variegatus* ssp. *graecus* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 59-60.  
Holotype ♀: Lamia, Griechenland, 18.5.1968, leg. Grünwaldt.  
Paratypes: [4 ♀ ♀ 1 ♂].
- Panurgus variegatus* ssp. *israelensis* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 60.  
Holotype ♀: Jerusalem, Israel, 1.5., leg. Bytinski-Salz.  
Paratypes: [3 ♀ ♀ 1 ♂].
- Panurgus variegatus* ssp. *kilikiae* WARNCKE 1972. Bull. ent. Pologne, Wroclaw 42: 60.  
Holotype ♀: Adana, Turkey, VIII.  
Paratypes: [5 ♀ ♀ 6 ♂ ♂].
- Pasites aegyptiacus* WARNCKE 1983. Entomofauna, Linz 4: 264, 270-271, 278-279.  
Holotype ♂: Kom Oshim, Reg. de Faioum, Egypt, 13.5.1958, leg. Pulawski.  
Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].
- Pasites ancylae* WARNCKE 1983. Entomofauna, Linz 4: 264-266, 270-272, 295.  
Holotype ♂: 10 km westl. Uludere in 1000 m, Hakkari, Türkei, 4.6.1980, leg. Warncke.  
Paratypes: 7 ♀ ♀ 5 ♂ ♂ [6 ♀ ♀ 3 ♂ ♂].
- Pasites armeniacus* ssp. *graecus* WARNCKE 1983. Entomofauna, Linz 4: 312.  
Nom. nov. pro *Ammobates atticus* MAVROMOUSTAKIS 1968, nec *Parammobates minutus* ssp. *atticus* MAVROMOUSTAKIS 1963.
- Pasites armeniacus* ssp. *tassus* WARNCKE 1983. Entomofauna, Linz 4: 312-313.  
Holotype ♀: Tutak, Agri, Türkei, 9.8.1979, leg. Warncke.  
Paratypes: 4 ♀ ♀ [4 ♀ ♀].
- Pasites assimilis* WARNCKE 1983. Entomofauna, Linz 4: 264-270, 307-308.  
Holotype ♀: 10 km nördl. Jendouba, Tunesien, 15.5.1973, leg. Gusenleitner.
- Pasites atrorufus* WARNCKE 1983. Entomofauna, Linz 4: 264-265, 287-288.  
Holotype ♀: Jerusalem, Israel, 24.4.1942, leg. Bytinski-Salz.  
Paratypes: 6 ♀ ♀ [3 ♀ ♀].
- Pasites baueri* WARNCKE 1983. Entomofauna, Linz 4: 264-267, 302-303.  
Holotype ♀: 20 km südlich Harran, Urfa, 19.6.1981, in 500 m, leg. Warncke.  
Paratypes: 1 ♀ [1 ♀].
- Pasites bicoloratus* WARNCKE 1983. Entomofauna, Linz 4: 291.  
Nom. nov. pro *Pasitomachites bicolor* BISCHOFF 1923, nec *Ammobates bicolor* LEPELETIER 1825.
- Pasites buteus* WARNCKE 1983. Entomofauna, Linz 4: 264-269, 310-311.  
Holotype ♀: Maroc, 1908, H. Vaucher.

- Pasites capensis* WARNCKE 1983. Entomofauna, Linz 4:  
 Nom. nov. pro *Morgaia rufipes* FRIESE 1908, nec *Ammobates rufipes* SAUNDERS 1908.
- Pasites curiosus* WARNCKE 1985. Boll. Mus. Civ. Stor. Nat. 34 [1983]: 216-217.  
 Holotype ♀: 10 km südl. Deh Bid in 1770 m, Fars, 15.5.78, leg. Warncke.  
 Paratypes: 3 ♀ ♀ [3 ♀ ♀].
- Pasites iranicus* WARNCKE 1983. Entomofauna, Linz 4: 264-266, 270-274, 299-301.  
 Holotype ♀: Maku, Azarbaijan, Iran, 26.7.1968.  
 Paratypes: 2 ♀ ♀ 4 ♂ ♂ [2 ♀ ♀ 4 ♂ ♂].
- Pasites madagascarensis* WARNCKE 1983. Entomofauna, Linz 4: 291.  
 Nom. nov. pro *Phileremus ater* SAUSSURE 1891, nec *Pasites ater* SPINOLA 1806.
- Pasites maroccanus* WARNCKE 1983. Entomofauna, Linz 4: 270, 280-281.  
 Holotype ♂: Foum Tangarfa, Maroc Saharien, 15.4.1968.
- Pasites monticolus* WARNCKE 1985. Boll. Mus. Civ. Stor. nat., Venezia 34 [1983]: 219-220.  
 Holotype ♀: 15 km südöstl. Sarvestan in 1800 m, Fars, 17.5.78, leg. Warncke.  
 Paratype: 1 ♀ [1 ♀].
- Pasites nuristanus* WARNCKE 1983. Entomofauna, Linz 4: 281.  
 Holotype ♀: Bashgaltal, 1200 m, Nuristan, NO-Afghanistan, 11.5.1953, leg. Klapperich.
- Pasites obscurus* WARNCKE 1983. Entomofauna, Linz 4: 291-292.  
 Nom. nov. pro *Pasitomachthes nigerrimus* BISCHOFF 1923, nec *Pasites nigerrimus* FRIESE 1922.
- Pasites oraniensis* ssp. *anatolicus* WARNCKE 1983. Entomofauna, Linz 4: 289-290.  
 Holotype ♂: Altinekin, Konya, Türkei, 28.5.75, leg. Warncke.  
 Paratypes: 5 ♀ ♀ 6 ♂ ♂ [3 ♀ ♀ 4 ♂ ♂].
- Pasites orientanus* WARNCKE 1983. Entomofauna, Linz 4: 264, 270, 276-277.  
 Holotype ♂: Tel Aviv, Israel, 13.5.1966, leg. Bytinski-Salz.  
 Paratypes: 8 ♀ ♀ 17 ♂ ♂ [4 ♀ ♀ 7 ♂ ♂].
- Pasites orientanus* ssp. *cyprius* WARNCKE 1983. Entomofauna, Linz 4: 277-278.  
 Holotype ♀: Yemasoyia-Fluß, Zypern, 27.7.1967, leg. Mavromoustakis.  
 Paratypes: 3 ♀ ♀ 2 ♂ ♂ [3 ♀ ♀ 2 ♂ ♂].
- Pasites rostratus* ssp. *farsicus* WARNCKE 1985. Boll. Mus. Civ. Stor. nat., Venezia 34 [1983]: 218-219.  
 Holotype ♀: 20 km nördl. Shiraz, Fars, 4.7.65, leg. Soika & Mavromoustakis.
- Pasites semitorquatus* WARNCKE 1983. Entomofauna, Linz 4: 264-268, 314-315.  
 Holotype ♀: Aegyptus, leg. Felder.  
 Etymology: *Ficedula semitorquata* (Semi-collared Flycatcher, Halbringschnäpper).
- Pasites spinotus* WARNCKE 1983. Entomofauna, Linz 4: 264, 282-283.  
 Holotype ♀: 10 km südöstlich Gabes, Tunesien, 2.5.1973, leg. Gusenleitner.  
 Paratypes: 7 ♀ ♀ [7 ♀ ♀].

- Pasites tunensis* WARNCKE 1983. Entomofauna, Linz 4: 264, 270, 283-284.  
 Nom. nov. pro *Ammobates minutissima* MAVROMOUSTAKIS 1959, nec *Morgania minutissima* COCKERELL 1933.
- Prosopis adspersa* ssp. *maurica* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31: 165.  
 Holotype ♂: 25km S Jendouba, Tunesien, 14.5.73, leg. Gusenleitner.  
 Paratypes: 2 ♀ ♀ 5 ♂ ♂ [2 ♀ ♀ 2 ♂ ♂].
- Prosopis adriatica* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 754-755.  
 Holotype ♂: Opicina, Triest, 7.34, leg. Meyer.  
 Paratypes: [3 ♀ ♀ 5 ♂ ♂].
- Prosopis alexandrina* WARNCKE 1992. Linzer biol. Beitr. 24: 767, 774-775.  
 Holotype ♂: Wadi Gerawi, südl. Heluan, Ägypten, leg. Farag [W. Garawi, 30.3.32].  
 Paratype: 1 ♀ [1 ♀].  
 Etymology: *Charadrius alexandrinus* (Kentish Plover, Seeregenpfeifer).
- Prosopis alticola* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 162-163, 189.  
 Holotype ♂: 75 km S Chalus in 2400 m, Elburs, Iran, 13.7.1977, leg. Gusenleitner.
- Prosopis annularis* ssp. *elbursa* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 170-171, 188-189.  
 Holotype ♀: Altın Dagları in 2600-3000 m, westl. Hakkari, 13.8.79, leg. Warncke.  
 Paratypes: [14 ♀ ♀ 15 ♂ ♂].
- Prosopis araxana* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 171-173, 192.  
 Holotype ♂: Tuzluca im Aras-Tal, Türkei, 17.8.1972, leg. Warncke.  
 Paratypes: [77 ♀ ♀ 19 ♂ ♂].
- Prosopis armeniaca* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 163-165, 189.  
 Holotype ♂: Horasan, Arastal, Türkei, 14.6.1973, leg. Warncke.  
 Paratypes: [14 ♀ ♀ 10 ♂ ♂].
- Prosopis atlassa* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 183-184.  
 Holotype ♂: Oukaimeden, Hoher Atlas, Marokko in 2700-2900 m, 12.7.1975, leg. Gusenleitner.  
 Paratypes: 3 ♀ ♀ [2 ♀ ♀]. 7
- Prosopis avara* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 747.  
 Nom. nov. pro *Prosopis laticeps* (PERKINS 1899) nec (MORAWITZ 1876).
- Prosopis azorae* WARNCKE 1992. Linzer biol. Beitr. 24: 768, 781-782.  
 Holotype ♂: Pico, Azoren, 10.7., leg. Stora.
- Prosopis biarmica* WARNCKE 1992. Linzer biol. Beitr. 24: 767, 770.  
 Holotype ♂: Sakkarah, Ägypten, 1897, leg. Schmiedeknecht.  
 Paratype: 1 ♂ [1 ♂].  
 Etymology: *Falco biarmicus* (Lanner, Lannerfalke).

- Prosopis brachycephala* ssp. *oenanthe* WARNCKE 1992. Linzer biol. Beitr. 24: 773.  
 Holotype ♀: 10 km S Goulimine, Marokko, 24.3.86 leg. Warncke.  
 Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].  
 Etymology: *Oenanthe* (Wheater, Steinschmätzer).
- Prosopis butea* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5 [1970]: 747.  
 Nom. nov. pro *Prosopis absoluta* CAMERON 1896, nec GRIBODO 1894.  
 Etymology: *Buteo* (Buzzard, Bussard).
- Prosopis catula* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5 [1970]: 748.  
 Nom. nov. pro *Prosopis longicornis* SCHROTTKY 1906, nec SCHENCK 1853.
- Prosopis cervina* WARNCKE 1992. Linzer biol. Beitr. 24: 769, 794-795.  
 Holotype ♂: (östlich) Horasan im Arastal, Türkei, 14.6.73, leg. Warncke.  
 Paratypes: 1 ♀ 2 ♂ ♂ [1 ♀ 2 ♂ ♂].  
 Etymology: *Anthus cervinus* (Red-throated Pipit, Rotkehlpieper).
- Prosopis chukar* WARNCKE 1992. Linzer biol. Beitr. 24: 767, 771-772.  
 Holotype ♀: W Serpil im Mt. Cilo in 1800 m, Hakkari, Türkei, 8.8.82 leg. Warncke.  
 Paratype: 1 ♂ [1 ♂].  
 Etymology: *Alectoris chukar* (Chukar, Chukarhuhn).
- Prosopis cinerea* WARNCKE 1992. Linzer biol. Beitr. 24: 786-787.  
 Holotype ♀: Buchara, Usbekistan, 20.7.91, leg. Kletecka.  
 Paratypes: 6 specimens [3 ♀ ♀ 3 ♂ ♂].  
 Etymology: *Ardea cinerea* (Grey Heron, Graureiher).
- Prosopis clusia* WARNCKE 1981. Boll. Mus. Clv. Stor. nat., Venezia 31[1980]: 180, 194.  
 Holotype ♂: Paßhöhe 30 km N Quchan in 2000 m, Kopet Dag, Iran, 18.7.1977, leg. Gusenleitner.  
 Paratypes: 2 ♂ ♂ [2 ♂ ♂].
- Prosopis cornuta* ssp. *porzana* WARNCKE 1992. Linzer biol. Beitr. 24: 796.  
 Holotype ♀: Kenitra, Marokko, 22.6.87, leg. Schacht.  
 Paratypes: 5 ♀ ♀ [5 ♀ ♀].  
 Etymology: *Porzana porzana* (Spotted Crake, Tüfelsumpfhuhn).
- Prosopis corpana* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5: 748.  
 Nom. nov. pro *Prosopis longula* FRIESE 1913, nec PÉREZ 1903.
- Prosopis crassana* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 767.  
 Nom. nov. pro *Prosopis polita* FÖRSTER 1871, nec SCHENCK 1853.
- Prosopis cypriola* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 759.  
 Nom. nov. pro *Prosopis dimidiata* (PITTIONI 1950), nec (PERKINS 1899)
- Prosopis dargia* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.  
 Nom. nov. pro *Prosopis maculata* (RAYMONT 1929) nec 1930, nec ALFKEN 1904.

*Prosopis decaocta* WARNCKE 1992. Linzer biol. Beitr. 24: 768, 780-781.

Holotype ♀: Vargös im Mt. Sat in 1650 m, Hakkari, Türkei, 17.8.83, leg. Warncke.

Paratype: 1 ♀ [1 ♀].

Etymology: *Streptopelia decaocta* (Collared Dove, Türkentaube).

*Prosopis difformis* ssp. *hispanica* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 756.

Holotype ♂: Banos de Montemayor, Caceres, 5.1943, leg. Dusmet.

Paratypes: [2 ♀ ♀ 2 ♂ ♂].

*Prosopis duckei* ssp. *stellata* WARNCKE 1992. Linzer biol. Beitr. 24: 772.

Holotype ♀: Vargös in 1650 m im Mt.Sat, Hakkari, Türkei, 7.8.85, leg. Warncke.

Paratypes: 12 specimens [3 ♂ ♂ 7 ♂ ♂].

*Prosopis elata* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 169-170.

Holotype ♂: Elat Fjord, Israel, 9.4.1973, leg. Bytinski-Salz.

Paratypes: 6 ♀ ♀ 5 ♂ ♂ [6 ♀ ♀ 5 ♂ ♂].

Etymology: *Gavia stellata* (Red-throated Diver, Sterntaucher).

*Prosopis euzona* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.

Nom. nov. pro *Prosopis nigrifacies* GUSSAKOVSKI 1933, nec (BRAMSON 1879).

*Prosopis farinosa* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.

Nom. nov. pro *Prosopis nivalis* (PERKINS 1899), nec MORAWITZ 1867.

*Prosopis fuligula* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 747.

Nom. nov. pro *Prosopis fallax* PÉREZ 1903, nec COCKERELL 1896.

Etymology: *Aythya fuligula* (Tufted Duck, Reiherente).

*Prosopis fuliginosa* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 747.

Nom. nov. pro *Prosopis albicans* (MORAWITZ 1886), nec (SCHENCK 1853).

*Prosopis funerea* WARNCKE 1992. Linzer biol. Beitr. 24: 769, 785-786.

Holotype ♂: Tanin-Tanin-Paß in 2500 m, Hakkari, Türkei, 2.6.80, leg. Warncke.

Paratypes: 7 specimens [5 ♀ ♀ 2 ♂ ♂].

Etymology: *Aegolius funereus* (Trenkmalm's Owl, Rauhfußkauz).

*Prosopis garrula* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 160-162.

Holotype ♂: Benidorm, Alicante, 5.4.70.

Paratypes: [5 ♀ ♀ 1 ♂].

Etymology: *Coracias garrulus* (Roller, Blauracke).

*Prosopis garrula* ssp. *teruela* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 162.

Holotype ♂: Brorchales, Teruel, 1500 m, 14.7.1971.

Paratypes: [1 ♀ 1 ♂].

*Prosopis garzetta* WARNCKE 1992. Linzer biol. Beitr. 24: 788-789.

Holotype ♂: Repetek, Turkmenistan, 27.4.91, leg. Halada.

Paratypes: 32 specimens [8 ♀ ♀ 9 ♂ ♂].

Etymology: *Egretta garzetta* (Little Egret, Seidenreiher).

- Prosopis glacialis* ssp. *giresuna* WARNCKE 1992. Linzer biol. Beitr. 24: 770-771.  
 Holotype ♀: Vargös im Mt. Sat in 1650 m, Hakkari, Türkei, 7.8.83, leg. Warncke.  
 Paratypes: 15 specimens [8 ♀ ♀ 2 ♂ ♂].
- Prosopis heliaca* WARNCKE 1992. Linzer biol. Beitr. 24: 769, 791-792.  
 Holotype ♀: Bitlis, Türkei, 15.8.91, leg. Warncke.  
 Paratypes: 27 specimens [13 ♀ ♀ 8 ♂ ♂].  
 Etymology: *Aquila heliaca* (Imperial Eagle, Kaiseradler).
- Prosopis hermona* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 181-182.  
 Holotype ♂: Mt. Hermon, Israel in 2000 m, 23.6.1973, leg. Bytinski.  
 Paratypes: 4 ♀ ♀ 1 ♂ [4 ♀ ♀ 1 ♂].
- Prosopis hermona* ssp. *anatolica* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 182.  
 Holotype ♂: Gürün, Türkei, 12.-15.6.1976, leg. Heinrich.  
 Paratypes: 2 ♀ ♀ [2 ♀ ♀].
- Prosopis hyalinata* ssp. *milossa* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 166.  
 Holotype ♀: Ghalacas auf der Insel Milos, Kikladen, 2.10.1925, leg. Schulz.  
 Paratypes: 5 ♀ ♀ 1 ♂ [11 ♀ ♀ 5 ♂ ♂].
- Prosopis hyalinata* ssp. *minos* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 166-167.  
 Holotype ♂: Malia-Strand, Heraklion, Kreta, 10.6.1976, leg. Warncke.  
 Paratypes: [8 ♀ ♀ 6 ♂ ♂].
- Prosopis hyalinata* ssp. *taurica* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 165-166.  
 Holotype ♂: Sertavul, Taurus, 1300 m, 7.6.1968, leg. Gusenleitner.  
 Paratypes: 1 ♀ 5 ♂ ♂ [1 ♀ 3 ♂ ♂].
- Prosopis impressa* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 747.  
 Nom. nov. pro *Prosopis impressifrons* GUSSAKOVSKI 1933, nec SMITH 1853.
- Prosopis klugi* ssp. *kermana* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 168-169, 190.  
 Holotype ♀: Iranshar, Belutschistan, 800 m, 22.5.-2.6.1954, leg. Richter & Schäuffele.  
 Paratypes: 4 ♀ ♀ [2 ♀ ♀].
- Prosopis klugii* ssp. *mesopotamae* WARNCKE 1992. Linzer biol. Beitr. 24: 777-778.  
 Holotype ♀: Choka Zambil bei Haft Tapeh, 300 km N Abadan, Khuzestan, Iran, 29.6.-1.7.65, leg. Mavromoustakis & Soika.  
 Paratype: 1 ♂ [1 ♂].
- Prosopis kurda* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 182-183.  
 Holotype ♂: Paß W Hakkari, Altin Daglari, Türkei in 2600-3000 m, 13.8.1979, leg. Warncke.  
 Paratypes: 2 ♀ ♀ [2 ♀ ♀].



*Prosopis kurda* ssp. *trochila* WARNCKE 1992. Linzer biol. Beitr. 24: 792-793.

Holotype ♂: NO Camardi in 3000 m, Nigde, Türkei, 11.8.91, leg. Warncke.

Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].

*Prosopis lineolata* ssp. *ferina* WARNCKE 1992. Linzer biol. Beitr. 24: 781.

Holotype ♀: südl. Tizi-n-Test in 1900 m, Marokko, 30.6.87, leg. Schacht.

Paratypes: 2 ♂ ♂ [2 ♂ ♂].

Etymology: *Aythya ferina* (Pochard, Tafelente).

*Prosopis livia* WARNCKE 1992. Linzer biol. Beitr. 24: 768, 779-780.

Holotype ♀: Paß Tizi-n-Test in 1900 m, S Marrakesch, Marokko, 19.8.92, leg. Warncke.

Paratypes: 173 specimens [47 ♀ ♀ 24 ♂ ♂].

Etymology: *Columba livia* (Rock Dove, Felsentaube).

*Prosopis magna* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.

Nom. nov. pro *Prosopis major* FRIESE 1924, nec STRAND 1912.

*Prosopis mariana* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 747.

Nom. nov. pro *Prosopis arenaria* SCHROTTKY 1906, nec (MORAWITZ 1876).

*Prosopis melba* WARNCKE 1992. Linzer biol. Beitr. 24: 767, 773-774.

Holotype ♂: 20 km SO Erfoud, Marokko, 4.4.86, leg. Warncke.

Paratypes: 3 ♂ ♂ [3 ♂ ♂].

Etymology: *Apus melba* (Alpine Swift, Alpensegler).

*Prosopis monacha* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 747.

Nom. nov. pro *Prosopis callosa* FRIESE 1921, nec COCKERELL 1910.

Etymology: *Oenanthe monacha* (Hooded Wheatear, Kappensteinschmätzer).

*Prosopis monedula* WARNCKE 1992. Linzer biol. Beitr. 24: 769, 790.

Holotype ♀: Nemrut Dag in 2000 m, Bitlis, Türkei, 16.8.91, leg. Halada.

Paratype: 1 ♂ [1 ♂].

Etymology: *Corvus monedula* (Jackdaw, Dohle).

*Prosopis murana* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 747.

Nom. nov. pro *Prosopis insignis* (PERKINS 1899), nec (FÖRSTER 1871).

*Prosopis nigrifacies* ssp. *rhenana* WARNCKE 1986. Entomofauna, Linz Suppl. 3: 77-78.

Holotype ♂: Karlsruhe, Hanau-Langengrd. am Damm, 15.8.1984, leg. Schmid [Maxau-Langengrd.].

Paratypes: 5 ♀ ♀ [3 ♀ ♀].

*Prosopis nigrita* ssp. *kotschisa* WARNCKE 1981. Boll. Mus. Civ. nat., Venezia 31[1980]: 174, 193.

Holotype ♂: Şereflikoçkisar, Türkei, 17.5.70, leg. Warncke.

Paratypes: [16 ♀ ♀ 16 ♂ ♂].

*Prosopis nilotica* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.

Nom. nov. pro *Prosopis obscurata* (PERKINS 1899), nec SCHENCK 1853.

Etymology: *Gelochelidon nilotica* (Gull-billed Tern, Lachseeschwalbe).

- Prosopis notata* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.  
Nom. nov. pro *Prosopis opaca* SCHROTTKY 1906, nec (FÖRSTER 1871).
- Prosopis nyroca* WARNCKE 1992. Linzer biol. Beitr. 24: 769, 788  
Holotype ♀: Bagdad-Jadiriya, Hotel Babylon-Garten, Irak, 8.5.88.  
Paratypes: 16 specimens [9 ♀ 7 ♂].  
Etymology: *Aythya nyroca* (Ferruginous Duck, Moorente).
- Prosopis oblita* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.  
Nom. nov. pro *Prosopis pusilla* (MORAWITZ 1876), nec (SCHENCK 1853).
- Prosopis orientalis* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 176-178.  
Holotype ♂: 40 km W Kilis, Gaziantep, Türkei, 27.4.76, leg. Warncke.  
Paratypes: [5 ♀ 9 ♂].
- Prosopis oriola* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 184, 194.  
Holotype ♂: 60 km S Chalus, Elburz, Iran in 1600 m, 13.7.1977, leg. Gusenleitner.  
Paratypes: 1 ♀ [1 ♀].  
Etymology: *Oriolus oriolus* (Golden Oriole, Pirol).
- Prosopis ovatula* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5: 748.  
Nom. nov. pro *Prosopis rugulosa* (PERKINS 1899), nec COCKERELL 1896.
- Prosopis planula* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 167-168.  
Holotype ♂: Paß W Hakkari im Altin Daglari in 2600-3000 m, Türkei, 13.8.79, leg. Warncke.  
Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].
- Prosopis pomarina* WARNCKE 1992. Linzer biol. Beitr. 24: 793-794.  
Holotype ♀: Repetek, Turkmenistan, 27.4.91, leg. Halada.  
Paratype: 1 ♂ [1 ♂].  
Etymology: *Aquila pomarina* (Lesser Spotted Eagle, Schreiadler).
- Prosopis postica* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.  
Nom. nov. pro *Prosopis simplex* BINGHAM 1912, nec (PERKINS 1899).
- Prosopis querquedula* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 178-180, 194.  
Holotype ♂: Paß W Hakkari im Altin Daglari in 2600-3000 m, Türkei, 13.8.79, leg. Warncke.  
Paratypes: 1 ♀ 3 ♂ [1 ♀ 3 ♂].  
Etymology: *Anas querquedula* (Garganey, Knäkente).
- Prosopis rubosa* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 159-160, 187.  
Holotype ♀: Birecik/Türkei, 13.6.1977, leg. Heinrich.  
Paratypes: [1 ♀ 1 ♂].  
Discussion: The taxon has erroneously been called "*rugosa*" by WARNCKE on page 187 in a list of collection localities. But in the original description WARNCKE called this species twice *rubosa* referring to the reddish colour, *rubosa* is regarded as the correct name.

- Prosopis sericata* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.  
 Nom. nov. pro *Prosopis transversalis* GUSSAKOVSKI 1933, nec (COCKERELL 1924).
- Prosopis sidensis* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 175-176.  
 Holotype ♂: Side, Türkei, 23.4.73, leg. Warncke.  
 Paratypes: [7 ♀ ♀ 8 ♂ ♂].
- Prosopis styriaca* ssp. *crecca* WARNCKE 1992. Linzer biol. Beitr. 24: 776-777.  
 Holotype ♀: 30 km N Akseki, Türkei, 3.8.91, leg. Warncke.  
 Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].  
 Etymology: *Anas crecca* (Teal, Krickente).
- Prosopis subbutea* WARNCKE 1992. Linzer biol. Beitr. 24: 768, 783-784.  
 Holotype ♀: S Imlil in 2000 m, S Asni, Marokko, 25.8.92, leg. Warncke.  
 Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].  
 Etymology: *Falco subbuteo* (Hobby, Baumfalke).
- Prosopis tarda* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venezia 31[1980]: 173-174, 192.  
 Holotype ♂: 20 km SE Meymeh, Esfahan, Iran in 1850 m, 27.5.78, leg. Warncke.  
 Paratypes: [28 ♀ ♀ 11 ♂ ♂].  
 Etymology: *Otis tarda* (Great Bustard, Großtrappe).
- Prosopis tephronota* WARNCKE 1992. Linzer biol. Beitr. 24: 768, 782-783.  
 Holotype ♀: Suvani-Halil-Paß in 2900 m, Hakkari, Türkei, 11.8.83, leg. Warncke.  
 Paratypes: 8 specimens [8 ♀ ♀].  
 Etymology: *Sitta tephronota* (Great Rock Nuthatch, Klippenkleiber).
- Prosopis torquata* WARNCKE 1992. Linzer biol. Beitr. 24: 769, 784-785.  
 Holotype ♂: 40 km O Midyat in 900 m, Mardin, Türkei, 25.5.83, leg. Warncke.  
 Paratypes: 26 specimens [6 ♀ ♀ 15 ♂ ♂].  
 Etymology: *Saxicola torquata* (Stonechat, Schwarzkehlchen).
- Prosopis totana* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.  
 Nom. nov. pro *Prosopis varians* (COCKERELL 1936), nec SPINOLA 1806.  
 Etymology: *Tringa totanus* (Redshank, Rotschenkel).
- Prosopis trigona* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5[1970]: 748.  
 Nom. nov. pro *Prosopis vicina* (PERKINS 1899), nec SICHEL 1867.
- Prosopis trinotata* ssp. *graeca* WARNCKE 1992. Linzer biol. Beitr. 24: 775-776.  
 Holotype ♀: Joannina-See Ostufer, Griechenland, leg. Lange & Osten.  
 Paratypes: 17 specimens [8 ♂ ♂].
- Prosopis trinotata* ssp. *mesopotamica* WARNCKE 1992. Linzer biol. Beitr. 24: 776.  
 Holotype ♀: Sumel, Mesopotamien, 6.8.1910.
- Prosopis tritica* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5 [1970]: 748.  
 Nom. nov. pro *Prosopis tristis* SCHROITKY 1906, nec FREY-GESSNER 1900.

*Prosopis variegata* ssp. *relicta* WARNCKE 1981. Boll. Mus. Civ. Stor. nat., Venecia 31[1980]: 158-159.

Holotype ♂: Lato bei Agias Nikolaos, Kreta, 11.6.1976, leg. Warncke.

Paratypes: [6 ♀ 7 ♂].

*Prosopis xanthopoda* ssp. *mendiba* WARNCKE 1972. Bull. Rech. agron., Gembloux (N. S.) 5 [1970]: 750.

Holotype ♀: Mendib, 85km SE von El Fogaha/Tripolitanien, 24.2.52, leg. Guichard [coll. British Museum (Natural History) Entomology, London].

Paratypes: [3 ♀ 2 ♂].

*Rophites algeris* ssp. *graecus* WARNCKE 1980. Entomofauna, Linz 1: 42-43.

Holotype ♂: Kalavrita, Peleponnes. 10.6.1979, leg. Brandl.

Paratypes: 1 ♀ 2 ♂ [1 ♀ 2 ♂].

*Rophites algeris* ssp. *hethiticus* WARNCKE 1980. Entomofauna, Linz 1: 44-45.

Holotype ♂: Sille bei Konya, Türkei, 9.-17.6.1975, leg. Heinrich.

Paratypes: 2 ♀ 30 ♂ [2 ♀ 10 ♂].

*Rophites atratus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 120, 127-130, 148-149.

Holotype ♀: Horasan, Arastal, Türkei, 14.6.1973, leg. Warncke.

Paratypes: [27 ♀ 16 ♂].

*Rophites bidentatus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 118, 146-147.

Holotype ♂: Gabes, 10 km SO, Tunesia, 2.5.1973, leg. Gusenleitner.

Discussion: The holotype is erroneously labelled "*Rophites bidentulus*".

*Rophites brachycephalus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 120, 129-130, 147-148.

Holotype ♂: Tunis merid., Alger.

Paratype: 1 ♂ [1 ♂].

*Rophites chagrinus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 121, 127-128, 149-150.

Holotype ♀: Jaffa, Israel [~~Ramleh~~, Israel].

Paratype: [1 ♀].

Discussion: The label of the holotype shows the name of Ramleh crossed out, in the original description WARNCKE mentions Jaffa as the type locality.

*Rophites deserticulus* ssp. *tadshicus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 118.

Nom. nov. pro *Trilia montana* POPOV 1957, nec (MORAWITZ 1890).

*Rophites dubiosus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 140, 154.

Holotype ♂: Kasbek, Kaukasus.

Paratypes: [3 ♀ 2 ♂].

*Rophites gkuruensis* WARNCKE 1979. Nachrichtenbl. bayer. Ent., München 28: 69-70.

Holotype ♀: Ladakh, Gkuru, 4000 m, 14.8.1977, leg. M. Kraus.

*Rophites inermis* ssp. *ponticus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 139, 153-154.

Holotype ♂: Oltu, Erzurum, Türkei, 20.7.1970, leg. Özbek.

Paratype: 1 ♀ [1 ♀].

*Rophites kashmirensis* WARNCKE 1979. Nachrichtenbl. bayer. Ent., München 28: 67-69.

Holotype ♂: Kashmir, Nanga-Parbat-Gebiet zwischen Schneegrenze und dem Indus-Tal, 12.-15.7.1953, leg. H. Ertl [coll. Zoologische Staatssammlung, München].

Paratype: 1 ♂.

*Rophites ladakhensis* WARNCKE 1979. Nachrichtenbl. bayer. Ent., München 28: 69.

Holotype ♀: Ladakh, Zanskar, Surutal Randung, 4000 m, 14.8.1977, leg. M. Kraus.

Paratypes: 4 ♀ ♀ [2 ♀ ♀].

*Rophites longicornis* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 136, 153.

Holotype ♂: Kirjat Anavim, 4.1930, leg. Bodenheimer.

Paratype: [1 ♂].

*Rophites maroccanus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 123, 127-130, 151.

Holotype ♂: S. Marocco, km 6 Sidi Ifni-Goulimine Road, ca. 150 m, 15.3.1974 [coll. British Museum (Natural History) Entomology, London].

Paratypes: [5 ♀ ♀ 5 ♂ ♂].

*Rophites nigrohirtus* WARNCKE 1979. Nachrichtenbl. bayer. Ent., München 28: 65-67.

Holotype ♀: Khumbu, Nepal, Khumdzung, 3900 m, 17.7.1962, leg. Ebert & Falkner [coll. Zoologische Staatssammlung, München].

Paratype: [1 ♂].

*Rophites nodicornis* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 121, 127-129, 150-151.

Holotype ♀: Ain Marsa, Cyrenaika, 4.1926, leg. Krüger.

Paratypes: [5 ♀ ♀ 7 ♂ ♂].

*Rophites papaveri* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 146.

Nom. nov. pro *Rophites mandibularis* (ALFKEN 1938), nec MORAWITZ 1892.

*Rophites paradoxus* ssp. *zolotasi* WARNCKE 1988. Linzer biol. Beitr. 20: 95-97.

Holotype ♀: Olymp, Griechenland, 18.8.78, 2200 m, leg. Warncke.

Paratypes: 19 ♀ ♀ 1 ♂ [18 ♀ ♀ 1 ♂].

Etymology: WARNCKE called this subspecies in honor of Mr and Mrs Zolotas (Lithochoron, Greece; "[...] nach Herrn Kostas Zolotas und vor allem nach seiner Frau Irmhild Zolotas [...]"). Warncke used the species name as a noun in apposition (nominative plural).

*Rophites quadridentatus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 135, 152-153.

Holotype ♂: Azort, Erzurum, Türkei, 2250 m [coll. British Museum (Natural History) Entomology, London].

Paratype: [1 ♂].

*Rophites tridentatus* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 142.

Nom. nov. pro *Rophites mandibularis* (POPOV 1959), nec MORAWITZ 1892.

*Rophites tunesius* WARNCKE 1979. Boll. Mus. Civ. Stor. nat., Venezia 30: 124, 127-130, 151-152.

Holotype ♀: Tunis, Tunisia, 24.4.1913, leg. Schulthess.

Paratypes: [6 ♀ ♀ 1 ♂].

*Sphecodes anatolicus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 13-14, 27-28.

Holotype ♂: Türkei, Madensehir, 7.8.72, leg. Warncke.

Paratypes: 9 ♂ ♂ [9 ♂ ♂].

*Sphecodes armeniacus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 9, 13-14, 19-20, 22.

Holotype ♀: Türkei, Kars, Tuzluca, 17.8.72, leg. Warncke.

Paratypes: 2 ♂ ♂ [2 ♂ ♂].

*Sphecodes atlanticus* WARNCKE 1992. in: F. LA ROCHE BRIER. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna pp. 675-676.

Discussion: Nomen nudum, because in this investigation a description is missing. Additionally this work is the unpublished thesis of La Roche Brier, the new names included are therefore not available (cf. introduction of the present list).

*Sphecodes atlanticus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 13, 25.

Holotype ♂: Algerien, Hoggar-Geb., Guelta 16 km NO Tamanrasset, 1.4.89, leg. Warncke.

Paratype: 1 ♂ [1 ♂].

*Sphecodes crassanus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 9-11, 13-14, 26-27.

Holotype ♂: Spanien, Segovia, Madrona 30.7.68, leg. Warncke.

Paratypes: 31 specimens [13 ♀ ♀ 15 ♂ ♂]

Discussion: The holotype bears the identification label "*Sphecodes alternatus crassura*", all paratypes the label "*Sphecodes crassanus*".

*Sphecodes dusmeti* ssp. *maroccanus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 17.

Holotype ♂: Marokko, Haut-Atlas, südl. Tizi-n-Test in 1900 m, 30.6.87, leg. Schacht.

Paratypes: 5 ♂ ♂ [5 ♂ ♂].

*Sphecodes dusmeti* ssp. *nurekensis* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 17.

Holotype ♂: Tadjikistan, 60 km O Duschanbe, Nurek in 500 m, 6.-7.6.90, leg. Halada.

Paratypes: 17 ♂ ♂ [10 ♂ ♂].

*Sphecodes geoffrellus* ssp. *atlassa* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 36.

Holotype ♀: Marokko, H. Atlas, Oukaïmeden in 2700-2900 m, 12.7.75, leg. Gusenleitner.

Paratypes: 6 ♀ ♀ [6 ♀ ♀].

*Sphecodes geoffrellus* ssp. *hakkariensis* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 13-16.

Holotype ♂: Türkei/Hakkari, Suvari-Halil-Paß in 2900 m, 11.8.83, leg. Warncke.

Paratypes: 38 specimens [17 ♀ ♀ 15 ♂ ♂].

*Sphecodes haladai* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 36-37.

Holotype ♂: Tadjikistan/ 60 km O Duschambe, Nurek in 500 m, 6.-7.6.90, leg. Halada.

Paratypes: 6 ♀ ♀ 12 ♂ ♂ [6 ♀ ♀ 6 ♂ ♂].

*Sphecodes hirtellus* ssp. *canariensis* WARNCKE 1992. in: F. LA ROCHE BRIER. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna pp. 677-678.

Discussion: Nomen nudum, because in this investigation a description is missing. Additionally this work is the unpublished thesis of La Roche Brier, the new names included are therefore not available (cf. introduction of the present list).

*Sphecodes hirtellus* ssp. *canariensis* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 18.

Holotype ♀: Fuerteventura, La Costilla, 28.4.34.

Paratypes: 7 ♀ ♀ 9 ♂ ♂ [5 ♀ ♀ 3 ♂ ♂].

*Sphecodes marginatus* ssp. *creticus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 35.

Holotype ♂: Kreta, Heraklion, Malia, 8.6.76, leg. Warncke.

Paratypes: 2 ♀ ♀ 1 ♂ [2 ♀ ♀ 1 ♂].

*Sphecodes marginatus* ssp. *larochei* WARNCKE 1992. in: F. LA ROCHE BRIER. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna pp. 682-684.

Discussion: Nomen nudum, because in this investigation a description is missing. Additionally this work is the unpublished thesis of La Roche Brier, the new names included are therefore not available (cf. introduction of the present list).

*Sphecodes marginatus* ssp. *larochei* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 34-35.

Holotype ♀: Gran Canaria, Tirajana, 30.5.34.

Paratypes: 13 ♀ ♀ 3 ♂ ♂ [8 ♀ ♀ 2 ♂ ♂].

*Sphecodes monilicornis* ssp. *berberus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 22-23.

Holotype ♀: Marokko, 10 km W Agdz, Ait Saoun, leg. Warncke [6.4.80].

Paratypes: 3 ♀ ♀ 5 ♂ ♂ [3 ♀ ♀ 5 ♂ ♂].

*Sphecodes ruficrus* ssp. *gomerensis* WARNCKE 1992. in: F. LA ROCHE BRIER. Distribucion y Aspectos ecologicos de los Himenopteros aculeados (Insecta: Hymenoptera, Aculeata) de las Islas Canarias. - Thesis, La Laguna pp. 691-693.

Discussion: Nomen nudum, because in this investigation a description is missing. Additionally this work is the unpublished thesis of La Roche Brier, the new names included are therefore not available (cf. introduction of the present list).

*Sphecodes ruficrus* ssp. *gomerensis* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 21.

Holotype ♂: Gomera, Costa de Chipudes, 25.4.42.

Paratypes: 1 ♀ 5 ♂ ♂ [1 ♀ 2 ♂ ♂].

*Sphecodes rufiventris* ssp. *hethiticus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 28-29.

Holotype ♀: Türkei, Van, W Ercek in 1850 m, 8.6.81 leg. Warncke.

Paratypes: 7 ♀ ♀ 9 ♂ ♂ [7 ♀ ♀ 8 ♂ ♂].

*Sphecodes saxicolus* WARNCKE 1992. Ber. naturf. Ges. Augsburg 52: 37-38.

Holotype ♂: Tadjikistan, 60 km O Duschanbe, Nurek, 6.-7.6.90, leg. Halada.

Paratypes: 1 ♀ 13 ♂ ♂ [1 ♀ 8 ♂ ♂].

Etymology: *Saxicola rubetra* (Whinchat, Braunkehlchen).

*Stelis aegyptiaca* ssp. *canaria* WARNCKE K. - 1992. Entomofauna, Ansfelden 13: 361.

Holotype ♂: Port Cabras, Fuerteventura, 13.-23.3.1926.

*Stelis maroccana* WARNCKE K. - 1992. Entomofauna, Ansfelden 13: 342-343, 345-346, 354.

Holotype ♀: Algérie.

Paratypes: 1 ♀ 1 ♂ [1 ♀ 1 ♂].

*Stelis orientalis* WARNCKE K. - 1992. Entomofauna, Ansfelden 13: 342-343, 355.

Holotype ♀: Corfu, Griechenland, leg. Paganetti 1903.

Paratypes: 1 ♀ [1 ♀].

*Stelis saxicola* WARNCKE K. - 1992. Entomofauna, Ansfelden 13: 342-343, 345-346, 357.

Holotype ♂: Teboursouk, Tunesien.

Paratype: 1 ♀ [1 ♀].

*Systropha christae* WARNCKE 1992. Linzer biol. Beitr. 24: 742-743.

Holotype ♂: 8km O Yeroham, Israel, 12.4.90, leg. Warncke.

Paratypes: 9 specimens [3 ♀ ♀ 2 ♂ ♂].

Etymology: WARNCKE called this species in honor of his second wife Christa Warncke who collected the only male specimen of the new species.

*Systropha maroccana* WARNCKE 1977. Boll. Mus. Civ., Venezia 28 [1976]: 94, 97.

Holotype ♂: Süd-Marokko, 6km Sidi Ifni-Goulimine Road, 29.3.-1.4.1974, leg. Guichard & Else [coll. British Museum (Natural History) Entomology, London].

Paratypes: 12 ♂ ♂ [7 ♂ ♂].

*Systropha planidens* ssp. *anatolica* WARNCKE 1977. Boll. Mus. Civ., Venezia 28 [1976]: 96.

Holotype ♂: Tunceli, Türkei, 13.6.1973, leg. Warncke.

Paratypes: [3 ♀ ♀ 2 ♂ ♂].

*Systropha tadjika* WARNCKE 1992. Linzer biol. Beitr. 24: 743-745.

Holotype ♂: 3 km W Dusti, 130 km S Duschanbe, Tadjikistan, 15.-16.5.1991, leg. Halada.

*Xylocopa aestuans* ssp. *bengasinensis* WARNCKE 1977. Boll. Mus. Civ. Stor. nat., Venezia 28 [1976]: 90.

Holotype ♀: Benghasi, Gerdoba, 1-1911, leg. Kattwinkel.

*Xylocopa turanica* ssp. *armeniaca* WARNCKE 1982. Linzer biol. Beitr. 14: 32-33.

Holotype ♂: Paß Suvari Halil in 2500 m, Hakkari, Türkei, 2.6.1980, leg. Warncke.

Paratypes: 6 ♀ ♀ 29 ♂ ♂ [8 ♀ ♀ 9 ♂ ♂].

Discussion: The number of female paratypes in the collection of Warncke disagrees with the published data.



### **Zusammenfassung**

Der vorliegende Katalog führt sämtliche neuen Taxa auf, die Klaus Warncke zwischen 1965 und 1993 für Bienen (Insecta: Hymenoptera, Apoidea) beschrieb. Insgesamt werden 57 neue Taxa der Gattungsgruppe und 887 neue Taxa der Artgruppe in Verbindung mit dem Zitat der Originalbeschreibung aufgeführt. Die Übereinstimmung der Typenserie mit der Originalbeschreibung wurde geprüft und die Schreibweise weniger Namen entsprechend dem ICZN (1985) korrigiert. Dieser Katalog verfolgt das Ziel, das Werk Warnckes zusammenzufassen und den Zugang dazu zu erleichtern. Die Sammlung Warnckes wird heute größtenteils im Oberösterreichischen Landesmuseum in Linz (Österreich) verwahrt, die parasitischen Gattungen befinden sich in der Privatsammlung Maximilian Schwarz (Ansfelden/Österreich).

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